

Student Name: VR skills

Assignment:

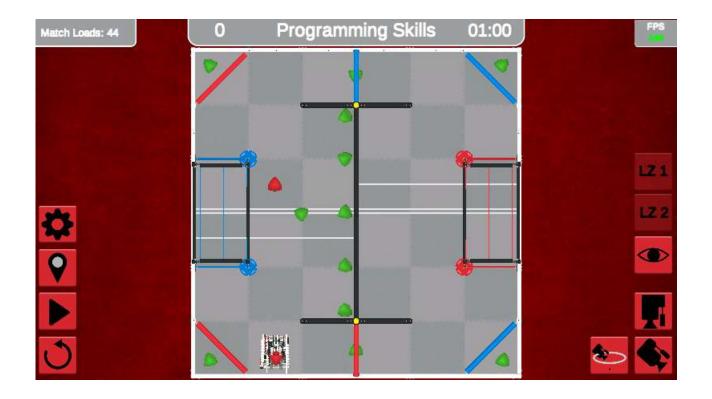
Notes:

Playground: VRC Virtual Skills - Over Under

Project Name: VEXcode Project (5) (1) (2)

Project Type: Blocks

Date: Wed Jan 31 2024



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velocity to 200 %
                                                                  day to 200 %
                                                                          or v down v for 100 term v and don't make
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Matar + suddala + for (2) turns +
                                                                               ster * cuttale * for 1 turns *
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                                                                          * for 1525 mm *
for (10) dayses
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           for (50) days—
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forward * for 300 mm *
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      in formal t for (00) and t
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in balance , publicate (20) depres

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1 forward = for (200) mm =
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for (2) depres

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for (12) depres

mel 1 for (2) more 1

Action 1 molifies 1 for (1) more 1 molifies 1 molifies

for (1) depres

mel 1 for (20) more 1

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mel 3 for (20) more 1

mel 4 for (20) more 2

mel 4 for (
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Motor • cuttalm • for 90 day
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        turn right * for 22 degreen
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                                                 ting (2) depres

ord - for (20) - m - 1

ding (12) depres

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ding (20) depres
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bending 10 degree
tending 130 degree
receive for 500 mm v
balabelius * balas * br ] been * br
balage @ depen

formed * for $100 pen *

brand * for $100 pen *
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      die fanant for (100 mm *
gin Amiliar for ye for (2) mm *
ten to bankag (2) dayens
dies namme for (30 mm *
gin Amiliar for ye for (3) mm *
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          dries forward * for 2000 mm *

tom to bending (-70 degree

gen bridehilder * bride * for 2 term *
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     orand + for (50) can +
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and to (255) see t
indicate to indicate for (2) terms t
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         All Control of Control
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does forward + for (000 mm +

best ballioning (50) degrees

does forward + for (000 mm +

gin billionining + wathlie + for (2 bess +
```

```
when started
set IntakeMotor * velocity to 200 % *
       set ArmMotor * velocity to 200 % *
          et drive velocity to 200 %
                                  velocity to 200 %
                                                 oter v down v for 90 turns v and don't wait
                               forward • for 1356 mm •
                             ight * for -90 degrees
    tum right * for 430 degrees

spin lotalableter * outfale * for 1 tums *

tum to heading 0 degrees

drive forward * for 200 mm *

spin lotalableter * lotalas * for 1 tums *

tum to heading 60 degrees and don't walt

spin lotalableter * outfale * for 1 tums *

tum to heading 60 degrees

spin lotalableter * outfale * for 1 tums *

tum to heading 60 degrees

spin lotalableter * lotalas * for 1 tums *

tum to heading 60 degrees

spin lotalableter * outfale * for 1 tums *

tum to heading 63 degrees

drive forward * for 1323 mm *

tum to heading 63 degrees

drive forward * for 20 tums *

spin lotalableter * outfale * for 2 tums *

spin lotalableter * outfale * for 1 tums *

spin lotalableter * outfale * for 1 tums *

spin lotalableter * outfale * for 1 tums *
             in IntakeMotor * intake * for 1 turns * and don't wait
        turn to heading 90 degrees
              in IntakeMotor v | cuttake v | for 2 | turns v
                      to heading -132 degrees
        drive forward * for 485 mm *
        pin intakeMotor * intake * for 1 turns *
    turn to heading (3) degrees
drive forward * for (35) mm *
spin IntaleMotor * cuttide * for (2) turns *
 spin Installations * cuttals * for 2 turns *

tern to handing 225 degrees

with 0.05 seconds

After forward * for 704 mm *

spin Installation * Install * for 1 turns * and duen't walk

tern to handing 40 degrees

drive forward * for 670 mm *

spin Installation * cuttals * for 2 turns *

tern to handing 4186 degrees

drive forward * for 638 mm *

spin Installation * little * for 1 turns * and duen't walk

tern to handing 40 degrees

drive forward * for 625 mm *

spin Installation * cuttals * for 1 turns *

spin Installation * cuttals * for 2 turns *

tern to handing 132 degrees

drive forward * for 1200 mm *

spin Installation * cuttals * for 1 turns * and duen't walk

tern to handing 132 degrees

drive forward * for 1200 mm *

spin Installation * cuttals * for 1 turns * and duen't walk

tern to handing 13 degrees

drive forward * for 1000 mm *

spin Installation * cuttals * for 2 turns *

tern to handing 132 degrees

drive forward * for 1000 mm *

spin Installation * cuttals * for 2 turns *

tern to handing 120 degrees

drive forward * for 1200 mm *

spin Installation * cuttals * for 2 turns *

spin Installation * cuttals * for 1 turns *

spin Installation * cuttals * for 1 turns *

spin Installation *

tern to handing 1220 degrees

drive forward * for 1200 mm *

spin Installation *

spin I
        spin IntakeMotor * intake * for 1 turns * and don't wait
     turn to heading S0 degrees
drive forward v for 700 mm v
          pin IntakeMotor • outtake • for 2 turns •
          urn to heading -120 degrees
     drive forward • for 900 mm •
        turn to heading -90 dagrees
       drive forward • for 1450 mm •
        turn to heading 240 degrees
spin betaletifeter * Intake * for 1 turns * and don't wait

turn to heading 30 degrees

drive forward * for (1900 mm * )

turn to heading 33 degrees

drive forward * for 550 mm * 

spin intakeMotor * contake * for 2 turns * 

turn to heading 331 degrees

drive forward * for 2100 mm * 

spin intakeMotor * contake * for 1 turns * 

turn to heading 331 degrees

drive forward * for 2100 mm * 

spin intakeMotor * Intake * for 1 turns * 

turn to heading 30 degrees

drive forward * for 1000 mm * 

spin intakeMotor * Intake * for 1 turns * 

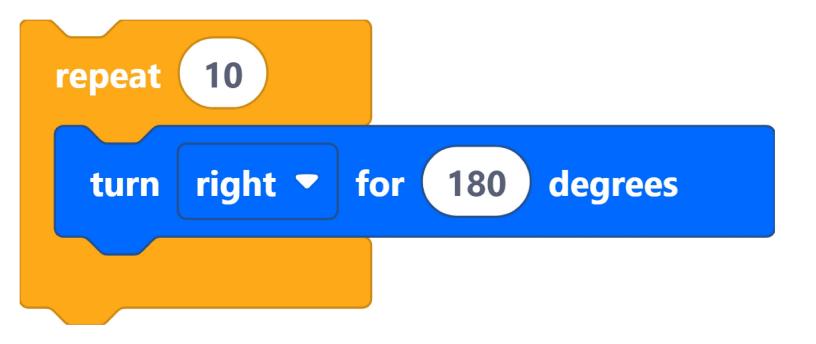
turn to heading 30 degrees
```

```
turn to heading 0 degrees
drive forward ▼ for 1365 mm ▼
turn to heading 90 degrees
spin IntakeMotor ▼ outtake ▼ for 2 turns ▼
turn right ▼ for 180 degrees
drive forward ▼ for 650 mm ▼
spin IntakeMotor ▼ intake ▼ for 2 turns ▼
turn right ▼ for 180 degrees
drive forward ▼ for 700 mm ▼
spin IntakeMotor ▼ outtake ▼ for 2 turns ▼
turn right ▼ for 180 degrees
drive forward ▼ for 1550 mm ▼
spin IntakeMotor ▼ intake ▼ for 2 turns ▼
turn right ▼ for 180 degrees
drive forward ▼ for 1150 mm ▼
spin IntakeMotor ▼ outtake ▼ for 2 turns ▼
turn left v for 90 degrees
drive forward • for 700 mm •
turn left ▼ for 90 degrees
drive forward ▼ for 300 mm ▼
spin IntakeMotor ▼ intake ▼ for 4 turns ▼
drive reverse ▼ for 550 mm ▼
turn right ▼ for 200 degrees
spin IntakeMotor ▼ outtake ▼ for 2 turns ▼
drive forward ▼ for 200 mm ▼
turn left ▼ for 175 degrees
drive forward ▼ for 775 mm ▼
spin IntakeMotor ▼ intake ▼ for 2 turns ▼
turn right ▼ for 180 degrees
drive forward ▼ for 800 mm ▼
spin IntakeMotor ▼ outtake ▼ for 2 turns ▼
drive reverse ▼ for 300 mm ▼
turn to heading -85 degrees
drive forward ▼ for 1200 mm ▼
spin IntakeMotor ▼ intake ▼ for 2 turns ▼
turn to heading 120 degrees
drive forward • for 1200 mm •
spin IntakeMotor ▼ outtake ▼ for 2 turns ▼
turn left ▼ for 90 degrees
drive forward ▼ for 1500 mm ▼
turn to heading -90 degrees
drive forward ▼ for 900 mm ▼
spin IntakeMotor ▼ intake ▼ for 2 turns ▼
drive reverse • for 500 mm •
turn right ▼ for 90 degrees
drive reverse ▼ for 1000 mm ▼
turn right ▼ for 90 degrees
drive forward ▼ for 200 mm ▼
spin IntakeMotor ▼ outtake ▼ for 2 turns ▼
turn to heading 10 degrees
turn to heading -180 degrees
drive reverse ▼ for 920 mm ▼
```

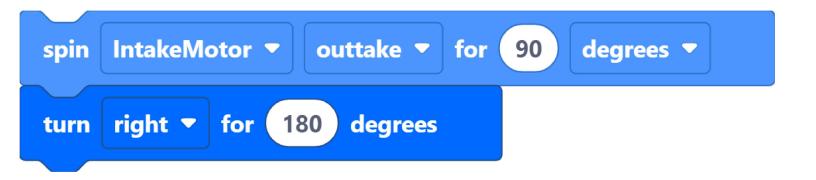
turn right ▼ for 90 degrees

turn right ▼ for 90 degrees

turn to heading (90) degrees



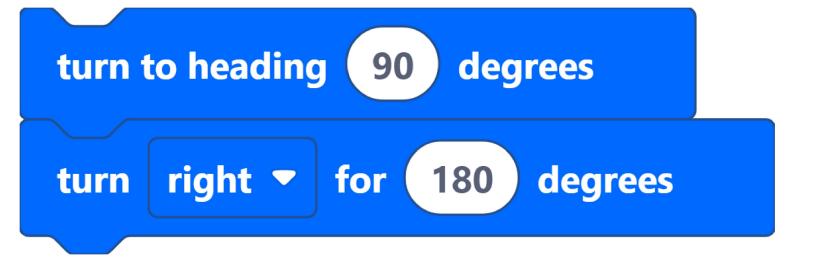
```
forward ▼ for 1400
drive
                            mm 🔻
     right 🔻
            for (90) degrees
turn
      forward ▼
                for
                    500
drive
                           mm 🔻
      forward ▼
                    750
drive
                 for
                           mm 🔻
                for
drive
      forward 🔻
                    450
                           mm 🔻
     ArmMotor ▼
                   down ▼
                               90
spin
                            for
                                      turns 🔻
     IntakeMotor ▼
                    outtake 🔻
                               for
                                    90
                                         degrees ▼
spin
                    200
     forward ▼ for
                           mm 🔻
drive
               for (300)
drive
      reverse 🔻
                           mm 🔻
turn
     right ▼ for (180) degrees
drive
     forward ▼ for
                    200
                           mm 🔻
     IntakeMotor ▼
spin
                    intake 🔻
                              for
                                        turns 🔻
     right 🔻
            for (180) degrees
turn
     forward ▼ for 500
drive
                           mm 🔻
     IntakeMotor >
                    outtake ▼ for 90
                                         degrees 🔻
spin
     1 seconds
wait
      forward ▼ for
drive
                    200
                           mm 🔻
     IntakeMotor ▼
                    outtake 🔻
                                         degrees -
spin
                              for
                                    90
drive
      reverse 🔻
                for
                    700
                           mm 🔻
```



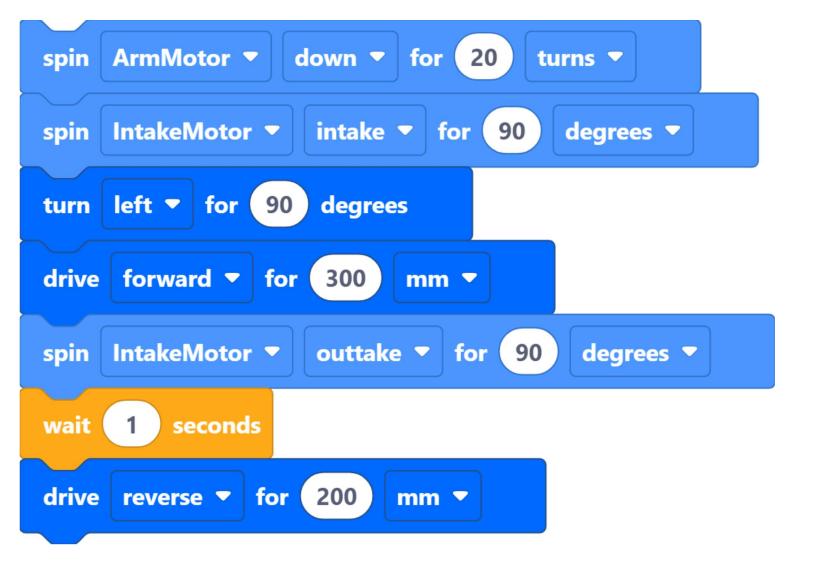






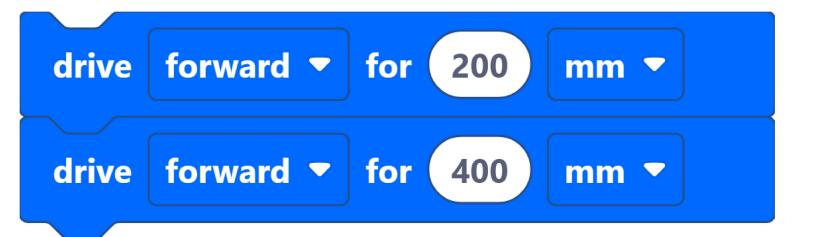


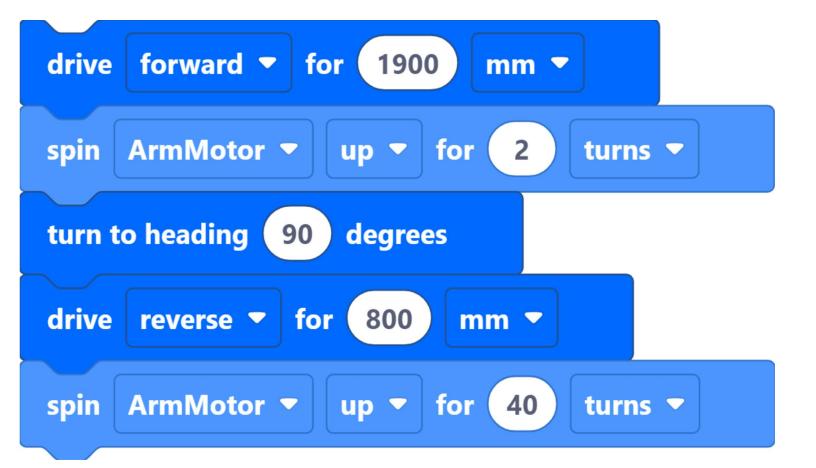
turn right ▼ for 90 degrees





spin IntakeMotor ▼ outtake ▼ for 2 turns ▼ and don't wait







```
turn to heading (40)
                    degrees
                            mm 🔻
drive forward ▼
                 for (500)
                                          turns 🔻
     IntakeMotor >
                     outtake ▼ for
                                    2
spin
turn to heading -32.5
                      degrees
drive
     forward ▼ for
                     2199
                             mm 🔻
     IntakeMotor ▼
                     intake ▼ for
                                   2
                                        turns 🔻
spin
turn to heading 125
                     degrees
      forward 🔻
                            mm 🔻
drive
                 for (600)
     IntakeMotor ▼
                     outtake 🔻
                                for 2
                                          turns 🔻
spin
turn to heading (42)
                    degrees
      forward ▼ for 1250
drive
                             mm 💌
spin
     IntakeMotor ▼
                     intake ▼ for
                                        turns 🔻
turn to heading (180)
                     degrees
drive
     forward ▼ for (100)
                            mm 🔻
     IntakeMotor ▼
                     outtake 🔻
spin
                                for
                                          turns 🔻
turn to heading (-85)
                    degrees
                             mm 🔻
drive
      forward 🔻
                 for 1000
     IntakeMotor ▼
                     intake 🔻
spin
                              for
                                        turns 🔻
turn to heading 90
                   degrees
drive forward ▼ for (700)
                            mm 🔻
turn to heading (140)
                     degrees
drive
     forward ▼
                 for 200
                            mm 🔻
spin
     IntakeMotor 

                     outtake ▼
                                for
                                     2
                                          turns 🔻
```