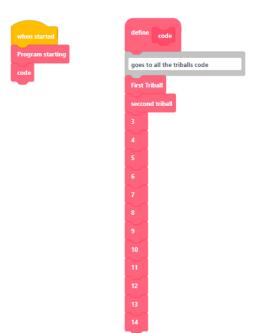
Video: https://youtu.be/VoGSHKmmEBq



```
define First Triball

spin ArmMotor  down  

This will bring the Arm down

drive forward  for 1400 mm  

turn left  for 90 degrees  

spin IntakeMotor  outtake  

wait until  not  Optical  found an object?
```



```
turn to heading 0 degrees drive forward for 1500 mm turn right for 90 degrees drive forward for 2000 mm turn right for 60 degrees set Total_Distance to 500
```

```
define 4

turn left * for 130 degrees 

spin IntakeMotor * intake *

drive forward * for 320 mm * 

wait until Optical * found an object?

turn right * for 160 degrees 

spin IntakeMotor * outtake *

drive forward * for 400 mm * 

wait until not Optical * found an object?
```

```
turn to heading -80 degrees spin IntakeMotor v intake v
drive forward v for 1210 mm v v
wait until Optical v found an object?

turn to heading 130 degrees set Total_Distance v to 890
place triball
```

```
define 6

turn to heading -85 degrees 

spin IntakeMotor  intake  

drive forward  for 750 mm  

wait until Optical  found an object?

turn to heading 110 degrees 

set Total_Distance  to 800

place triball
```

```
define 7
 turn to heading -105 degrees
 spin IntakeMotor ▼ intake ▼
 drive forward ▼ for 800 mm ▼ ▶
 turn to heading 90 degrees
 set Total_Distance ▼ to 800
 place triball
define 9
turn to heading (-120) degrees
spin IntakeMotor ▼ intake ▼
drive forward ▼ for 830 mm ▼ ▶
wait until 		Optical ▼ found an object?
turn to heading 50 degrees
set Total_Distance ▼ to 800
place triball
```

```
turn to heading -125 degrees >
spin IntakeMotor * intake *
drive forward * for 900 mm * >
wait until Optical * found an object?
turn to heading 90 degrees >
set Total_Distance * to 900
place triball
```

```
turn to heading 145 degrees

spin IntakeMotor v intake v

drive forward v for 1200 mm v

wait until Optical v found an object?

turn to heading 5 degrees v

spin IntakeMotor v outtake v

drive forward v for 355 mm v

wait 0.4 seconds

drive reverse v for 80 mm v

wait until not Optical v found an object?
```

```
turn to heading -110 degrees >
spin IntakeMotor > intake >
drive forward > for 1150 mm >
wait until Optical > found an object2

turn to heading 50 degrees >
set Total_Distance > to 900

place triball
```

```
turn to heading -90 degrees

spin IntakeMotor v intake v

drive forward v for 1700 mm v

turn to heading -130 degrees v

drive forward v for 1000 mm v

wait until Optical v found an object?

turn to heading 45 degrees

drive forward v for 1500 mm v

turn to heading 90 degrees v

set Total_Distance v to 800

place triball
```

```
turn to heading -68 degrees 

spin IntakeMotor  intake  

drive forward  for 730 mm  

wait until Optical  found an object?

turn to heading 100 degrees 

set Total_Distance  to 1100

place triball

wait until  not Optical  found an object?
```

```
turn to heading -100 degrees 

spin IntakeMotor * intake *

drive forward * for 950 mm * 

turn to heading -132 degrees 

drive forward * for 1700 mm * 

wait until Optical * found an object?

turn to heading 45 degrees 

drive forward * for 1500 mm * 

turn to heading 90 degrees 

set Total_Distance * to 1300

place triball

wait until not Optical * found an object?
```