

Student Name: Team 91343B

Assignment: Vexcode VR code

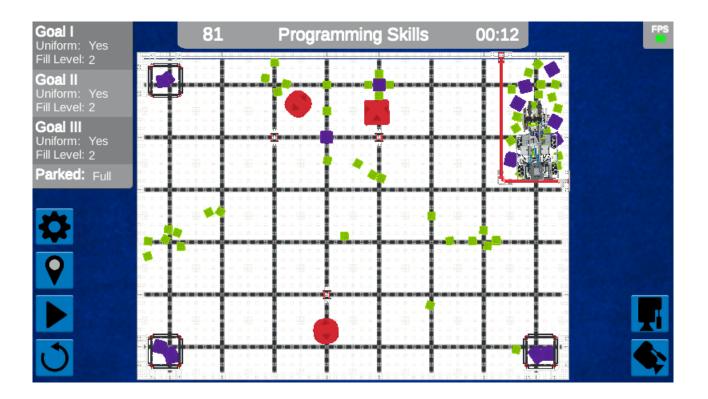
Notes: Code gets 81 points with 13 seconds to spare.

Playground: VIQC Virtual Skills - Full Volume

Project Name: Project purples (Finished) annotated

Project Type: Blocks

Date: Fri Jan 26 2024



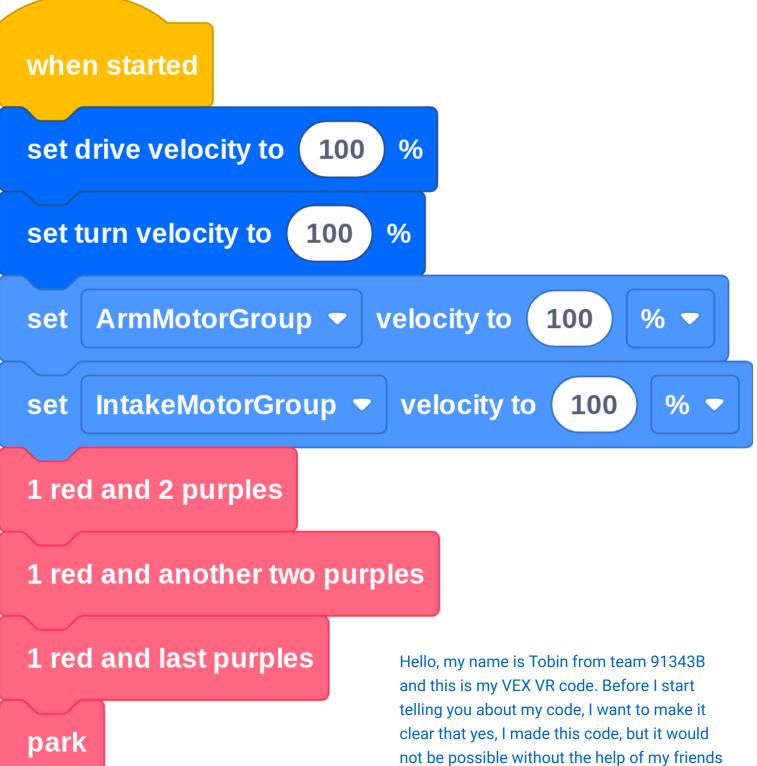








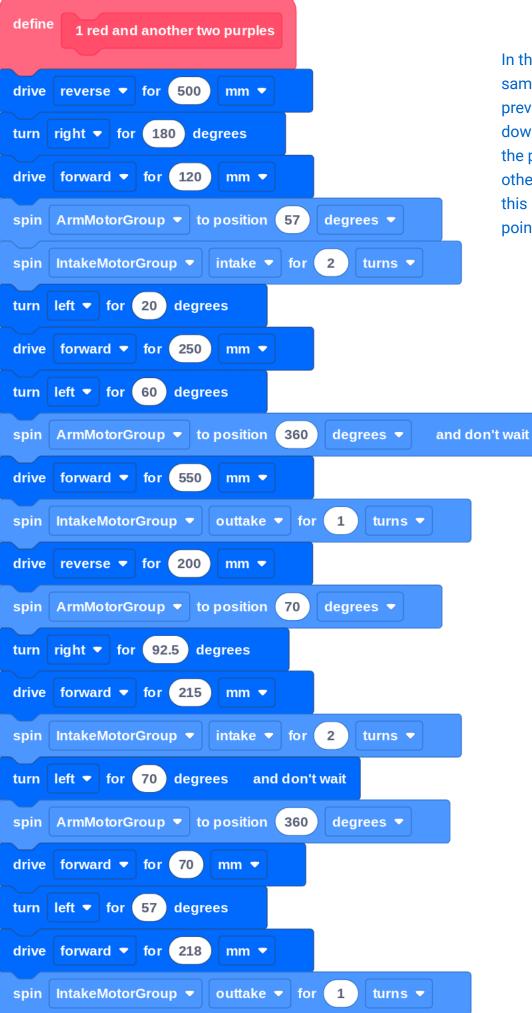




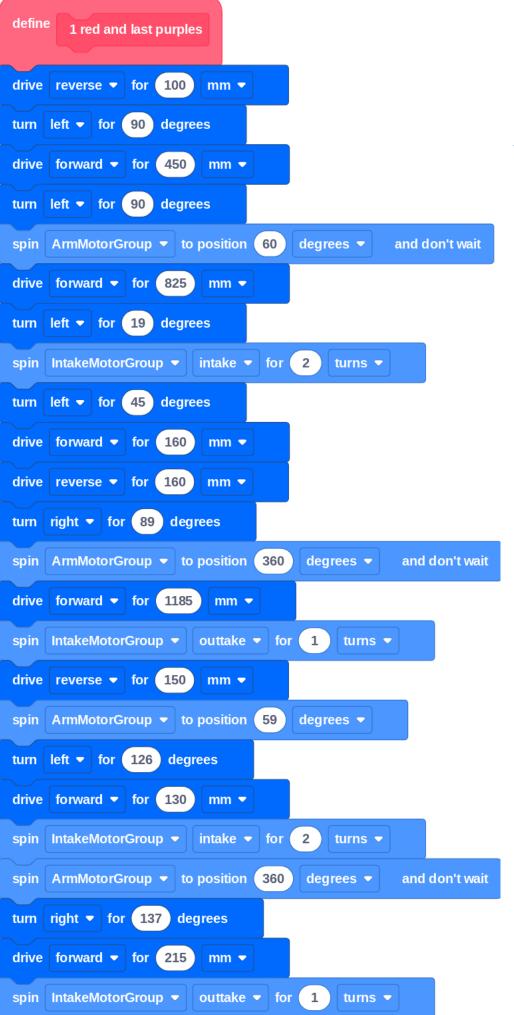
clear that yes, I made this code, but it would not be possible without the help of my friends and teammates. I start off by making everything go as fast as it can by changing the velocities to 100%. This is because there is a 1minute timer and I don't want to waste a single second. Next I run the actual code itself. You can think of this block as turning on your car and getting ready to move.



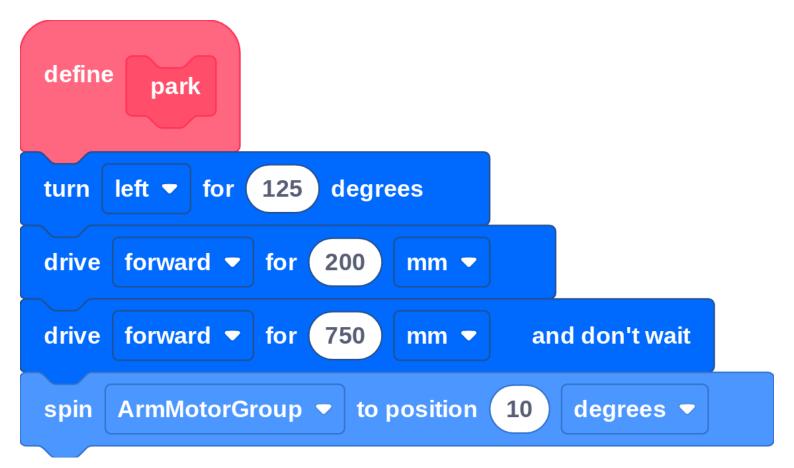
In this block of code, I get two purple blocks and put them in the goal while stacking them on top of each other to get not only color bonus points, but also height bonus. This block gets 17 points.



In this block I do the exact same thing I do in the previous block, but I knock down a different red and stack the purple on top of each other in a different goal. At this point, the code has 34 points.



In this block of code, I knock down the last red and score two purple blocks in the last goal. By now the code has scored 71 points and is in a position to fully park in the supply zone.



This is the final block and definitely the hardest function to make. Don't let it deceive you with how small it is; it took me hours and hours to make, because everything needs to be absolutely perfect. What I do is drive into the bar in the supply zone and bring the arm down at the exact same time. This function allows me to actually "glitch" the python (VEX code) software itself to allow me to go through the bar into the supply zone and fully park. By now the code has 81 points if everything works correctly (which happens 70-80% of the time)!



<u>Title</u>: "The More You Code" (VEX VR Code Online Challenge Submission)

<u>Students</u>: Sarah, Micah, Tobin, Will, Leo, Killian, Anna

Team: 91343B

Location: North Hills, California, USA