

Fall 2020

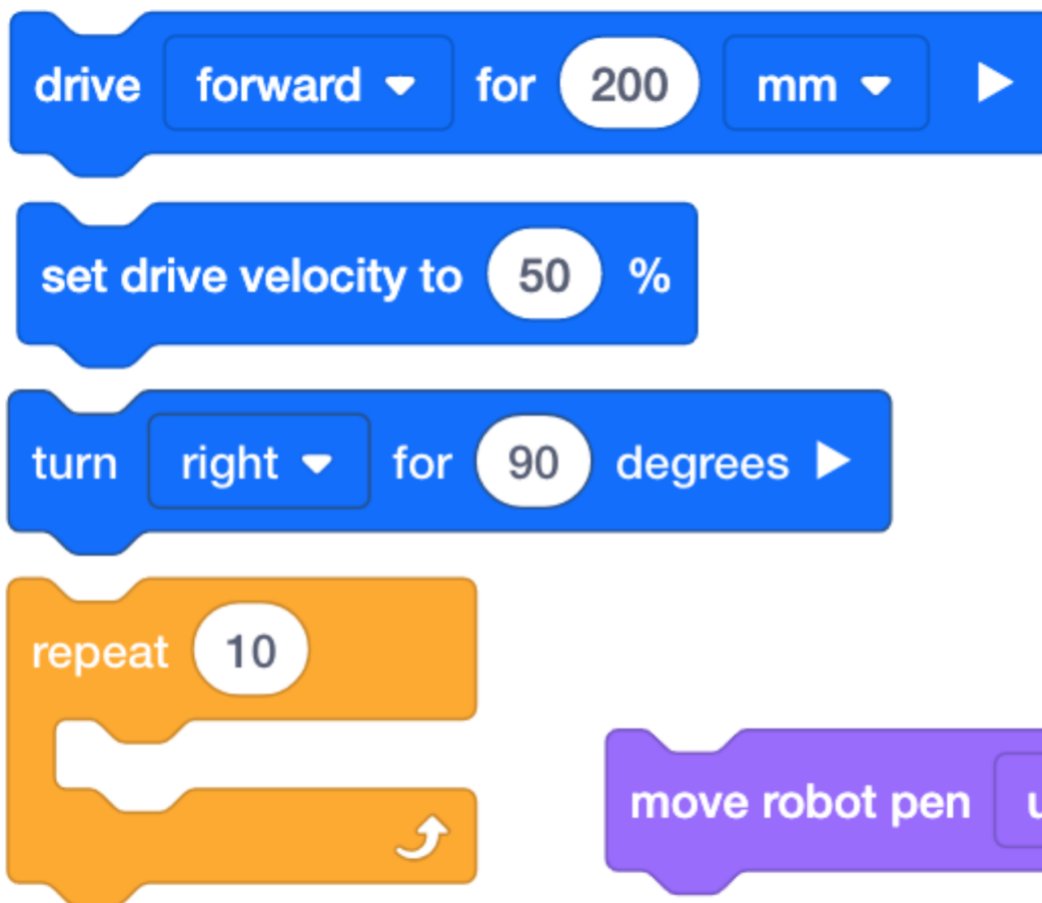
CISC 1003 – Square Lab

We will be using the VR.VEX environment for our class.

<https://vr.vex.com/>

Playground: Grid Map

Challenge: use the following blocks in your program, be sure to properly edit their values to correspond to what your robot should do.



Program settings:

- Set the robot to drive at 75% velocity.
- Program the VR Robot to drive with the pen down, to draw a square.
- Make each side of the square 5 grid squares long.
- Use the repeat block for this lab.

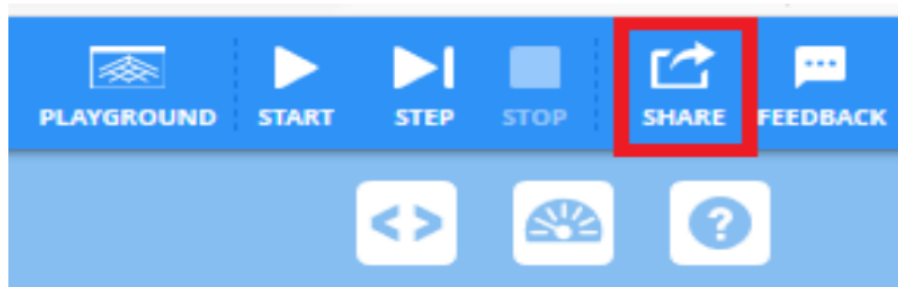
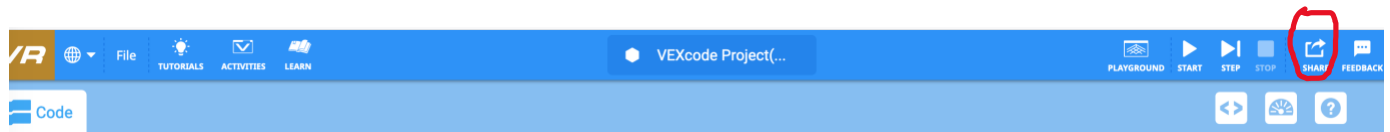
Submitting Projects:

When submitting your assignments, please submit the following:

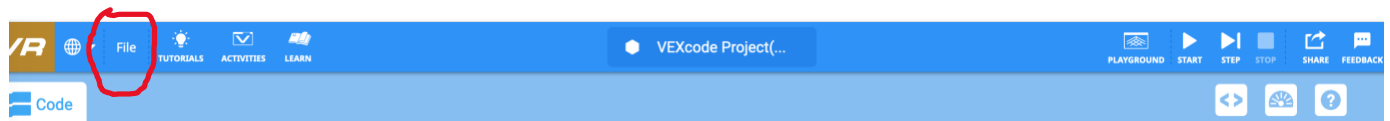
- PDF of the code
- VEXcode Project
- Screenshot of the playground after the program has stopped.

How to get these items:

- PDF of the code: share the code to get the PDF image of the program



- VEXcode Project: In the VEX code project go to: File, Save to Your Device



- Save a screen shot of the robot playground that showed what the robot after the program is complete:

<https://www.theverge.com/2019/11/8/20953522/how-to-take-screenshot-mac-windows-pc-iphone-android>

- Adapted from material by Prof. Lawrence Goetz