

## Computer Science Level 1 - Python Course

### Unit 4 - Lesson 3: Driving Until Pressed Quiz

```
def main():  
    while not left_bumper.pressed():  
        drivetrain.drive(FORWARD)  
        wait(5, MSEC)  
  
    drivetrain.drive_for(REVERSE, 200, MM)
```

1. What will the VR Robot do when the Left Bumper Sensor is pressed in this project?

- Turn right for 180 degrees.
- Stop driving.
- Turn right for 90 degrees.
- Drive in reverse for 200 millimeters (mm).

```
def main():  
    while not left_bumper.pressed():  
        drivetrain.drive(FORWARD)  
        wait(5, MSEC)  
    drivetrain.turn_for(RIGHT, 90, DEGREES)  
  
    while not left_bumper.pressed():  
        drivetrain.drive(FORWARD)  
        wait(5, MSEC)  
    drivetrain.turn_for(LEFT, 90, DEGREES)
```

2. What needs to happen for the VR Robot to turn left in this project?

- The Left Bumper Sensor needs to be pressed once.
- The VR Robot needs to drive for 300 millimeters (mm).
- The Left Bumper Sensor needs to be pressed twice.
- The pen needs to draw a circle on the Playground.