**Week 5**

What we did this week was we wrote coding for handling sharp turns and dead ends within the maze, what this does is it makes the robot spin on the spot until it finds the line again and then it can continue on with the maze. We also tidied up the hardware on the robot a bit which consisted of tidying up the wires so they aren’t in the way when the robot is going through the maze and also making sure everything is mounted in the right place correctly so nothing moves around. What we also did was finally attach the camera to a proper mount which Shaun 3d printed at  the end of the last lab but we didn’t have time to put it onto the actual robot. It’s important to have this mount for the camera because of the fact that when the robot is doing the maze the camera could move around which could cause it to not get a proper signal and therefore not work. So having the camera mount is good because it's mounted up higher on the robot to get a good signal of the line and the camera also will not move around which will reduce the change of the robot having an error when actually attempting the maze.