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rnk14
Ps2
EECS 476

In this submission you will find a pdf version of this writeup as well as a zip container with my revised code, another copy of the writeup, and the kazaam movie.

For this assignment I tested the limitations of the original lidar alarm program. I found this to be extremely limited as it ran into the first possible wall going straight since it did not know when to turn to avoid this wall. By adding additional sensors on the sides of the robot it was able to detect potential collisions in more than one location. By having these sensors the robot then moves around more freely without running into objects. The video provided with a link below to youtube shows around one minute of the robot moving around.

Youtube: https://youtu.be/xEDdlHTBdhw

Below is a link to my github repository.

Github: https://github.com/RossKasal/EECS476