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CISC 1003

Unit F Lab

Project 1 Algorithm:

1. Move pen Down
2. While an object is greater than 50mm away do the following:
3. Drive forward and :
4. If down eye senses red, set pen color to red
5. If down eye senses green, set pen color to green
6. If down eye senses blue, set pen color to blue
7. Stop Driving

Project 2 Algorithm:

1. If no object is found then stop driving

Repeat all steps forever if there is an object found.

1. Drive Forward
2. If Down eye detects red, drive forward for 100mm then reverse for 250mm
3. Turn right between 30 and 90 degrees
4. Keep turning in increments until an object is found