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CISC 1003

Unit B – Lab Assessment

Project 1 Algorithm:

1. Set Pen color to red
2. Move the pen down
3. Move forward for 1000mm
4. Turn right 120 degrees
5. Move forward for (1000\*2)mm
6. Turn right 150 degrees
7. Move forward for (1000\*1.73)mm
8. Shut motor off

Project 2 Algorithm:

1. Set X variable to 900
2. Set Y variable to 1800
3. Drive forward for Y mm
4. Turn right for 90 degrees
5. Drive forward for X mm
6. Turn right for 90 degrees
7. Drive forward foy (Y/2) mm
8. Turn left for 90 degrees
9. Drive forward for X mm
10. Shut Motor Off