The University of Western Australia
Dept. of Electrical & Electronic Engineering
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Robotics
GENG5508

Lab Assignment 3 – *Individual* – DistBug Navigation   Points: 10

EXPERIMENT 1 (10 points)

Implement the DistBug navigation algorithm.
See original paper at: http://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=650160

```
int DistBug(int x, int y);
// desired relative goal coord.[mm]; x in rob's forward dir.
// return true when goal is reached; false if goal unreach.
```

Demonstrate successful driving by navigating through the given obstacle courses.
- The robot always starts in the bottom left corner
- The goal is always in the top right corner