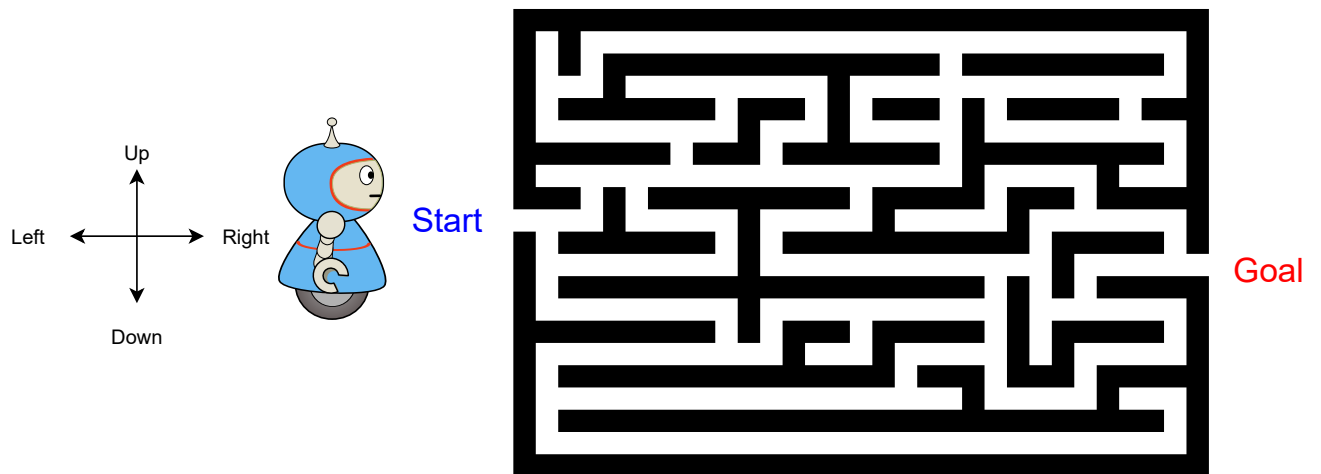


HOMWORK 2

1. Given a maze as shown below. For each of the following **graph search** strategies, **paint** all of the space visited by the algorithms, as well as the returned solutions. (Note that the priority order of actions is RIGHT, DOWN, LEFT, UP)



- (a) Breadth-first search
- (b) Uniform-cost search
- (c) Depth-first search