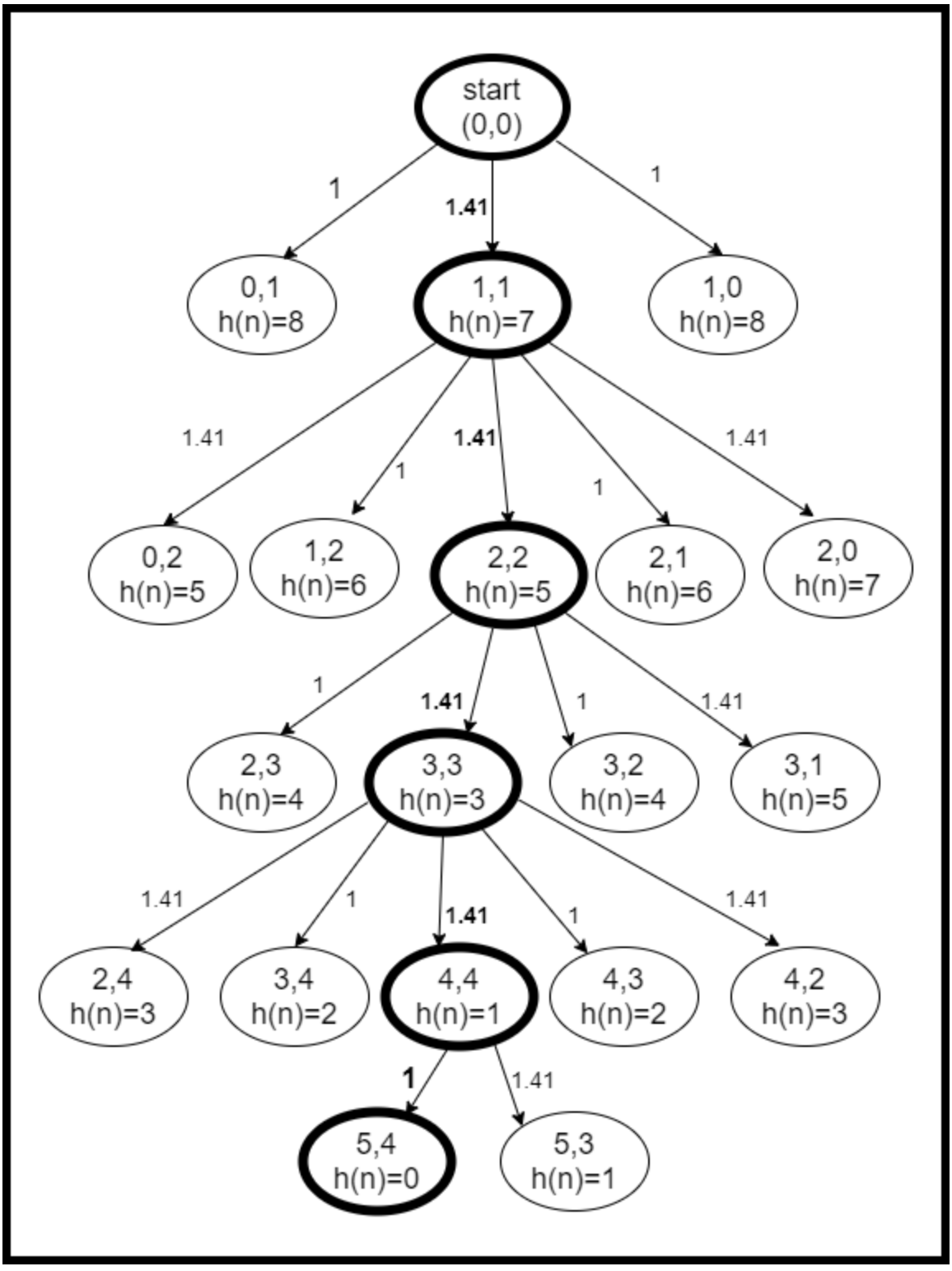
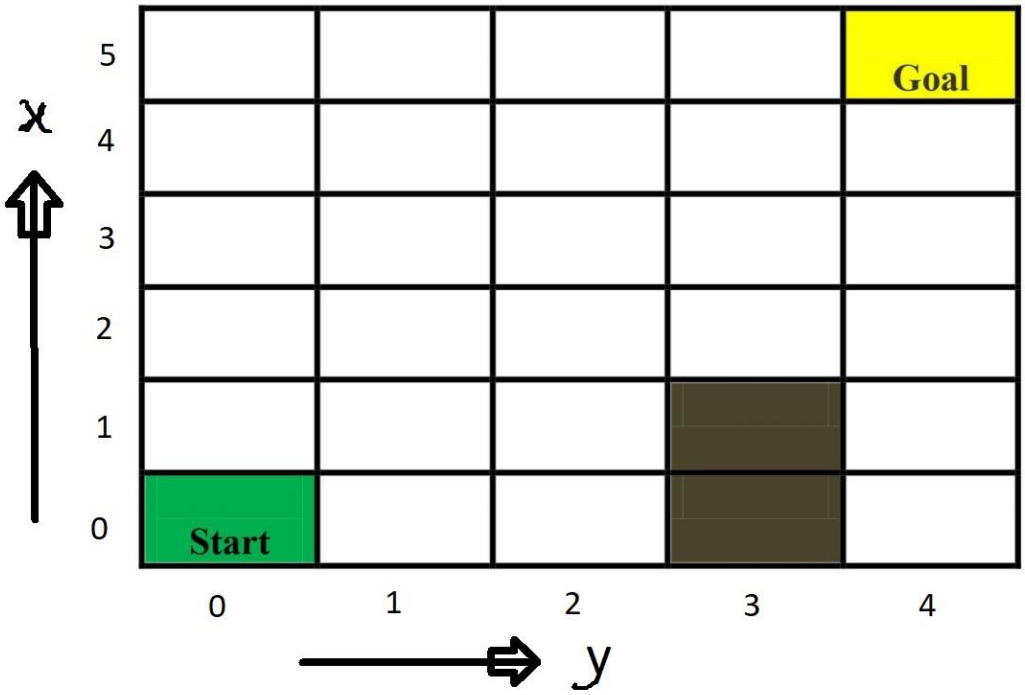
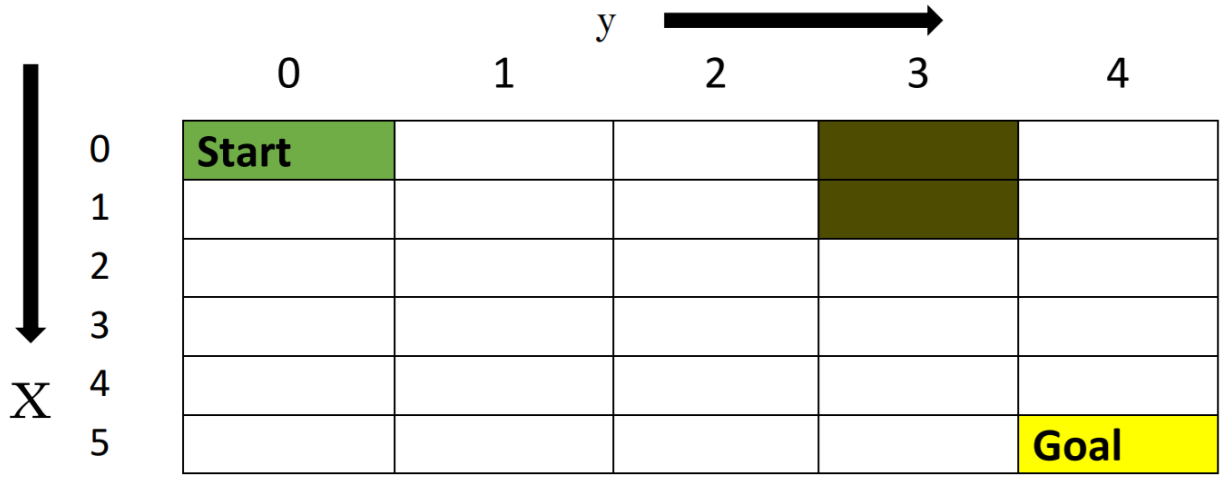

start
(0,0)
1
1.41
1
0,1
h(n)=8
1,1
h(n)=7
1,0
h(n)=8
1.41
1
1.41
1
1.41
0,2
h(n)=5
1,2
h(n)=6
2,2
h(n)=5
2,1
h(n)=6
2,0
h(n)=7
1
1.41
1
1.41
2,3
h(n)=4
3,3
h(n)=3
3,2
h(n)=4
3,1
h(n)=5
1.41
1
1.41
1
1.41
2,4
h(n)=3
3,4
h(n)=2
4,4
h(n)=1
4,3
h(n)=2
4,2
h(n)=3
1
1.41
5,4
h(n)=0
5,3
h(n)=1

Problem-02(For Even ID Students): Solve the following Maze Game using A* Algorithm.

Find the most cost-effective path to reach the final state from initial state using A* Algorithm. The agent will avoid the obstacles during traversing.



For coding purpose, we are considering the maze in vertical mirror reverse way.