Java Output

State 1:-

```
shay/Library/Application Support/Code/User/workspaceStorage/dd138ba11b0cb9fddc8782545873de2e/redhat.java/jdt_ws/See.Main
], parent=null, gValue=0] [node=Node [value=AStar [value x: 0 value y: 0 goal: false]
], parent=null, gValue=0], gValue=1]ue=AStar [value x: 0 value y: 0 goal: falsealse
], parent=null, gValue=0], gValue=1]ue=AStar [value x: 0 value y: 0 goal: falsealse
], parent=null, gValue=0], gValue=1], gValue=2]alue x: 0 value y: 0 goal: falsealse
], parent=null, gValue=0], gValue=1], gValue=2]alue x: 0 value y: 0 goal: falsealse
], parent=null, gValue=0], gValue=1], gValue=2]alue x: 0 value y: 0 goal: falsealse
], parent=null, gValue=0], gValue=1], gValue=2]alue x: 0 value y: 0 goal: falsealse
], parent=null, gValue=0], gValue=1], gValue=2]alue x: 0 value y: 0 goal: falsealse
], parent=null, gValue=0], gValue=1], gValue=2], gValue=5]alue y: 0 goal: falsealse
], parent=null, gValue=0], gValue=1], gValue=2], gValue=3]alue y: 0 goal: falsealse
], parent=null, gValue=0], gValue=1], gValue=2], gValue=3]alue y: 0 goal: falsealse
], parent=null, gValue=0], gValue=1], gValue=2], gValue=3], gValue=4[oal: falsealse
], parent=null, gValue=0], gValue=1], gValue=2], gValue=3], gValue=6]
], parent=null, gValue=0], gValue=1], gValue=2], gValue=3], gValue=6]
], parent=null, gValue=0], gValue=1], gValue=2], gValue=3], gValue=4], gValue=5], gValue=6]
], parent=n
    Cost: 10
   Nodes expanded: 16
   Path to root:
    - node: AStar
                                                                 [value x: 3 value y: 3 goal: true
                                                                [value x: 3 value y: 2 goal: false
[value x: 4 value y: 2 goal: false
           node: AStar
          node: AStar
           node: AStar
                                                                 [value x: 4 value y: 1 goal: false
           node: AStar
                                                                 [value x: 4 value y: 0 goal: false
                                                                [value x: 3 value y: 0 goal: false
[value x: 2 value y: 0 goal: false
[value x: 1 value y: 0 goal: false
           node: AStar
           node: AStar
           node: AStar
           node: AStar [value x: 0 value y: 0
```

State 2:-

```
Akshays-MacBook-Pro:Search-2021 akshays cd "/Users/akshay/Desktop/Year 3 Documents/Search-2021"; /usr/bin/env /Library/Jave ontents/Home/bin/Java -Dfile.encoding=UTR-8 -cp "/Users/akshay/Library/Application Support/Code/User/workspaceStorage/dd138ba Java/jdt_wSearch-2021.3493ady.bin "uk.ac.h.m.acs.search.Hall
; parent-mull, gvalue=0| Inode-Mode [value=AStar [value x: 0 value y: 0 goal: falseale
], parent-mull, gvalue=0| gvalue=1| use-AStar [value x: 0 value y: 0 goal: falseale
], parent-mull, gvalue=0| yalue=1| gvalue=2| gvalue=3| gvalue=3| gvalue=3| gvalue=4|
], parent-mull, gvalue=0| yalue=1| gvalue=2| gvalue=3| gvalue=4| gvalue=3| gvalue=4|
], parent-mull, gvalue=0| gvalue=1| gvalue=2| gvalue=3| gvalue=4|
], parent-mull, gvalue=0| gvalue=1| gvalue=2| gvalue=3| gvalue=4|
], parent-mull, gvalue=0| gvalue=1| gvalue=2| gvalue=3| gvalue=4| gvalue=5|
], parent-mull, gvalue=0| gvalue=1| gvalue=3| gvalue=4| gvalue=1| gvalue=5|
], parent-mull, gvalue=0| gvalue=1| gvalue=3| gvalue=4| gvalue x: 0 goal: falsealse
], parent-mull, gvalue=0| gvalue=1| gvalue=2| gvalue=3| gvalue=4| gvalue x: 0 goal: falsealse
], parent-mull, gvalue=0| gvalue=1| gvalue=2| gvalue=3| gvalue=4| gvalue x: 0 goal: falsealse
], parent-mull, gvalue=0| gvalue=1| gvalue=2| gvalue=3| gvalue=4| gvalue=5|
], parent-mull, gvalue=0| gvalue=1| gvalue=3| gvalue=4| gvalue=5| gvalue=6|
],
```