1. Download the files Astar.java and solution1.java.
2. Open the terminal and go to the location where you have Astar.java and solution1.java files by using command:

cd <location>

1. Compile Astart.java and solution1.java by typing command:

javac Astar.java

javac solution1.java

1. Now run the program by typing:

java solution1

1. Enter the input now:

Please enter the 9 input, one for each tile position

Enter the input for 0th row and 0th column: \*

Enter the input for 0th row and 1th column: 1

Enter the input for 0th row and 2th column: 3

Enter the input for 1th row and 0th column: 4

Enter the input for 1th row and 1th column: 2

Enter the input for 1th row and 2th column: 5

Enter the input for 2th row and 0th column: 7

Enter the input for 2th row and 1th column: 8

Enter the input for 2th row and 2th column: 6