

```
1 //*****
2 // Assignment:J4A4 Basic if...else Statement
3 // Description: print the square root of the number or the
message:
4 //          "Negative numbers do not have a square root
value".
5 // Author: Darshil Patel
6 //
7 // Date Completed: OCT 25, 2016
8 //
9 // Completion time: 10 mins
10 //
11 // Honour Code: I pledge that this program represents my own
12 //   program code. I received help from no one in designing
and debugging my program.
13 //*****
14 import java.util.*;
15 public class J4A4PatelDarshil
16 {
17     public static void main (String[] args)
18     {
19
20         System.out.println("Enter a number");
21         Scanner input = new Scanner(System.in);
22         double userInput = input.nextDouble();
23
24
25         if(userInput > 0){
26             double userOutput = Math.sqrt(userInput);
27             System.out.println("The square root of " + userInput +
" is " + userOutput);
28         }else {
29             System.out.println("Negative numbers do not have a
square root");
30         }
31
32         System.out.println("The End.");
33
34     }
35 }
36
```