JDOODLE

Online Java Compiler IDE

For Multiple Files, Custom Library and File Read/Write, use our new - <u>Advanced Java IDE</u>

```java
1   import java.util.*;
2
3   public class hillClimbing {
4
5
6       public static void main(String args[]) {
7           int n,i,j;
8
9           Scanner sc=new Scanner(System.in);
10          System.out.println("Enter number of nodes in graph");
11          n=sc.nextInt();
12
13
14          int[][] graph=new int[n][n];
15
16          for(i=0;i<n;i++)
17              for(j=0;j<n;j++)
18                  graph[i][j]=0;
19
20          for(i=0;i<n;i++)
21          {
22              for(j=i+1;j<n;j++)
23              {
24                  System.out.println("Is "+i+" is connected to "+ j);
25                  graph[i][j]=sc.nextInt();
26              }
27          }
28          System.out.println("The adjacency matrix is:");
29          for(i=0;i<n;i++)
30          {
31              for(j=0;j<n;j++)
32              {        System.out.print(graph[i][j]+ "\t");
33              }
34              System.out.println();
35          }
36
37       }
38
39  }
```

Execute Mode, Version, Inputs & Arguments

CommandLine Arguments

Result

compiled and executed in 26.858 sec(s)

```
Enter number of nodes in graph
5
Is 0 is connected to 1
1
Is 0 is connected to 2
0
Is 0 is connected to 3
1
Is 0 is connected to 4
0
Is 1 is connected to 2
1
Is 1 is connected to 3
```

```
Is 1 is connected to 3
0
Is 1 is connected to 4
1
Is 2 is connected to 3
0
Is 2 is connected to 4
1
Is 3 is connected to 4
0
The adjacency matrix is:
0   1   0   1   0
0   0   1   0   1
0   0   0   0   1
0   0   0   0   0
0   0   0   0   0
```

Note:

1. For file operations - upload files using upload button ⬆, Files will be upload to /uploads folder. You can read those files in program from /uploads folder. To write a file from your program, write files to '/myfiles' folder. Please note the uploaded files stored in the server only for the current session.

2. For detailed documentation check - **Our Documentation**, or check our **Youtube channel.**

Thanks for using our

Online Java Compiler IDE

to execute your program

Know Your JDoodle

◉   JDoodle Supports 76+ Languages with Multiple Versions and 2 DBs. **Click here** to see all.

◉   Fullscreen - side-by-side code and output is available. click the "⌞ ⌝" icon near execute button to switch.

◉   Dark Theme available. Click on "•••" icon near execute button and select dark theme.

◉   You can embed code from JDoodle directly into your website/blog. **Click here**

JDoodle For Your Organisation

◉   Do you have any specific compiler requirements?

◉   Do you want to integrate compilers with your website, webapp, mobile app, courses?

◉   Do you need more than our **Embed** and **API** features?

◉   Looking for Multiple Files, Connecting to DB, Debugging, etc.?

◉   Are you building any innovative solution for your students or recruitment?

to know more.

⦿   JDoodle offers an API service. You can execute programs just by calling our API. **Click here** to know more.

⦿   If you like JDoodle, Please share us in Social Media. **Click here** to share.

⦿   Check our **Documentation Page** for more info.

JDoodle is serving the programming community since 2013

⦿   Want to run JDoodle in-house?

⦿   Custom Domain, White labelled pages for your institute?

Contact us - We are happy to help!