

GROUP-A

No.1

Aim of the Program: Write a Java Program to print stars in console.

Requirements:

a) Hardware

- i. A Computer System(Desktop PC, Monitor, Mouse, Keyboard)
- ii. An UPS

b) Software

- i. WINDOWS OS
- ii. NetBeans
- iii. JDK

Procedure:

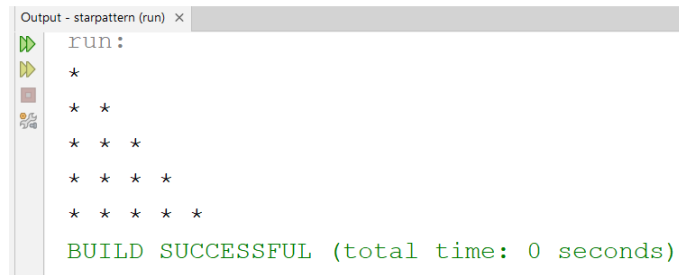
1. Open the NetBeans IDE.
2. In the IDE, choose File> New Project
3. In this Project wizard, choose Java with Ant> Java Application
4. In the Project Name Section, I assign the project name as **starpattern**, then finish the wizard.
5. The in the coding section I added the following lines of code:

Coding:

```
package starpattern;
public class Starpattern {
    public static void main(String[ ] args) {
        int i, j;
        for(i=0; i<5; i++)
        {
            for(j=0; j<=i; j++)
            {
                System.out.print("* ");
            }
            System.out.println( );
        }
    }
}
```

Then I ran the program and the output is attached below:

OUTPUT:



```
Output - starpattern (run) x
run:
*
* *
* * *
* * * *
* * * * *
BUILD SUCCESSFUL (total time: 0 seconds)
```

No. 2

Aim of the Program: Creating a webpage with background color pink, displaying a student's name and roll number in bold letter.

Requirements:

a) Hardware

- i. A Computer System(Desktop PC, Monitor, Mouse, Keyboard)
- ii. An UPS

b) Software

- i. WINDOWS OS
- ii. Notepad
- iii. Google Chrome

Procedure:

1. Open the notepad application
2. Add the following code in the notepad editor.

Coding:

```
<html>
<head>
<title>HTML PROGRAM</title>
</head>
<body bgcolor="pink">
<p><b> My Name is: Souvagya Jena </b></p>
```

```
<p><b>My Roll No: ISBN-100 </b></p>
</body>
</html>
```

- ❖ Then save the above code into the desktop and add a file name and save it as the extension name of HTML.
- ❖ Then open the saved HTML document from desktop using Google Chrome and I found the following output.

OUTPUT:

My Name is: Souvagya Jena

My Roll No: ISBN-100

GROUP-B

No.4

Aim of the Program: Creating a webpage for accepting user name and print same name in bold letter when a button is clicked.

Requirements:

c) Hardware

- A Computer System(Desktop PC, Monitor, Mouse, Keyboard)
- An UPS

d) Software

- WINDOWS OS
- Notepad
- Google Chrome

Procedure:

1. Open the notepad application

2. Add the following code in the notepad editor.

Coding:

```
<html>
<head>
<title>HTML BOLD </title>
<script type="text/javascript">
function sameInfo()
{
    document.myForm2.option.value=document.myForm1.option.value;
}
</script>
</head>
<body>
<form name="myForm1">
My Name: <input type="text" name="option"><br />
<input type="button" onclick="sameInfo()" value="Click Here"><br />
</form>
<form name="myForm2">
My Name: <input type="text" style="font-weight:bold" name="option"><br />
</form>
</body>
</html>
```

- ❖ Then save the above code into the desktop and add a file name and save it as the extension name of HTML.
- ❖ Then open the saved HTML document from desktop using Google Chrome and I found the following output.

OUTPUT:

My Name:

My Name:

No.5

Aim of the Program: Write a Java Program that asks user to input an integer and prints it until user enters 0.

Requirements:

c) Hardware

- i. A Computer System(Desktop PC, Monitor, Mouse, Keyboard)
- ii. An UPS

d) Software

- i. WINDOWS OS
- ii. NetBeans
- iii. JDK

Procedure:

1. Open the NetBeans IDE.
2. In the IDE, choose File> New Project
3. In this Project wizard, choose Java with Ant> Java Application
4. In the Project Name Section, I assign the project name as **untilzero**, then finish the wizard.
5. The in the coding section I added the following line of code:

Coding:

```
package untilzero;

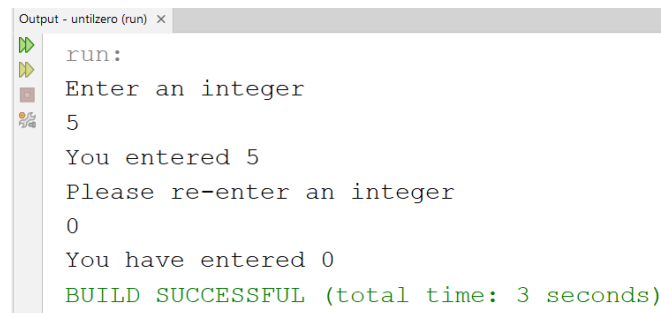
import java.util.Scanner;

class Untilzero
{
    public static void main(String args[ ]){
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter an integer");
        int n;
        while((n=sc.nextInt( ) )!=0)
        {
```

```
System.out.println("You entered " +n);  
System.out.println("Please re-enter an integer");  
}  
System.out.println( "You have entered "+n);  
}  
}
```

Then we ran the program and the output is attached below:

OUTPUT:



The screenshot shows an IDE output window titled "Output - untilzero (run) x". The output text is as follows:

```
run:  
Enter an integer  
5  
You entered 5  
Please re-enter an integer  
0  
You have entered 0  
BUILD SUCCESSFUL (total time: 3 seconds)
```