

**NAME – RAJDEEP JAISWAL**

**DATE – 08 Oct 2021**

**BRANCH – BTECH CSE**

**SEC = 13 A**

**UID -20BCS2761**

**SUB- JAVA ASSIGNMENT**

**Q 3 Write a program to print the following pattern given n as argument:- [for input 3]**

**1**

**2    2**

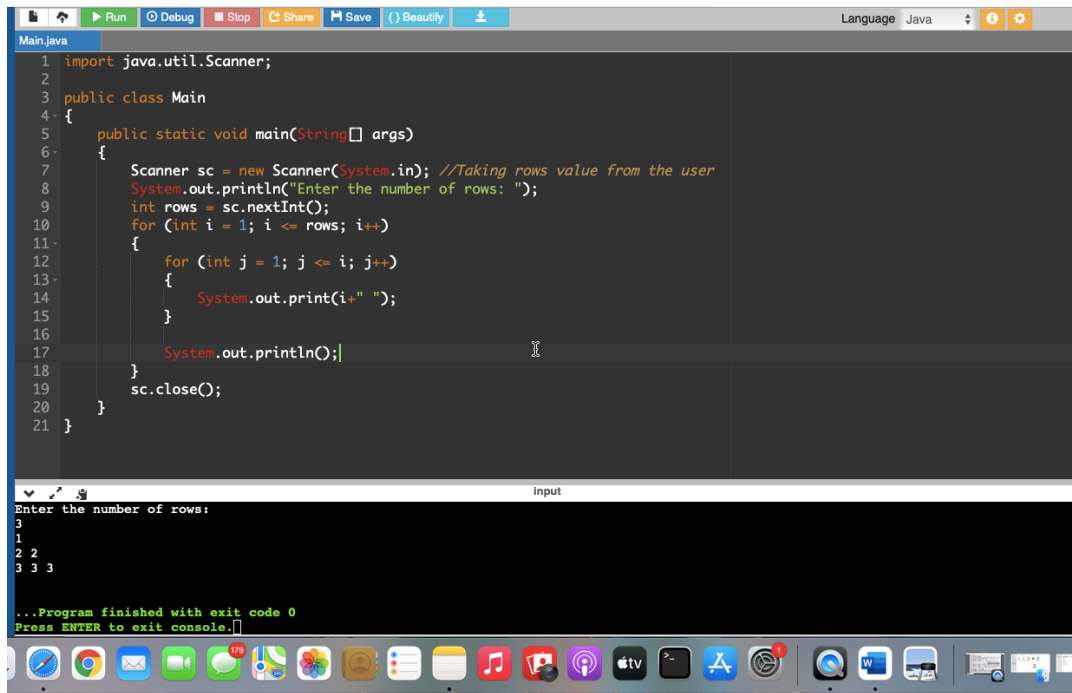
**3    3    3**

**Code –**

```
import java.util.Scanner;
public class Main
{
    public static void main(String[] args)
    {
        Scanner sc = new Scanner(System.in); //Taking rows value from the user
        System.out.println("Enter the number of rows: ");
        int rows = sc.nextInt();
        for (int i = 1; i <= rows; i++)
        {
            for (int j = 1; j <= i; j++)
            {
                System.out.print(i+" ");
            }

            System.out.println();
        }
        sc.close();
    }
}
```

## Compiler Code And Output -



The screenshot shows an IDE window with a Java file named 'Main.java'. The code is as follows:

```
1 import java.util.Scanner;
2
3 public class Main
4 {
5     public static void main(String[] args)
6     {
7         Scanner sc = new Scanner(System.in); //Taking rows value from the user
8         System.out.println("Enter the number of rows: ");
9         int rows = sc.nextInt();
10        for (int i = 1; i <= rows; i++)
11        {
12            for (int j = 1; j <= i; j++)
13            {
14                System.out.print(i+" ");
15            }
16            System.out.println();
17        }
18        sc.close();
19    }
20 }
21 }
```

The output window shows the following text:

```
Input
Enter the number of rows:
3
1
2 2
3 3 3
...Program finished with exit code 0
Press ENTER to exit console.
```

The IDE interface includes a toolbar with buttons for Run, Debug, Stop, Share, Save, and Beautify. The language is set to Java. The macOS dock is visible at the bottom of the screen.