

```
1 import java.util.Scanner;
2 class Series
3 {
4     static void seriesUp(int n)
5     {
6         for(int i=1;i<=n;i++)
7         {
8             for(int j=1;j<=i;j++)
9             {
10                 if(i==1)
11                     System.out.print("[");
12                 System.out.print(j);
13                 if(j!=n)
14                     System.out.print(",");
15                 else
16                     System.out.print("]");
17             }
18         }
19     }
20     public static void main(String args[])
21     {
22         System.out.println("Name :V.
23 Jahnavi\nSAP ID:51834788");
24         Scanner sc=new Scanner(System.in);
25         System.out.print("Enter the number :
26 ");
27         int number=sc.nextInt();
28         System.out.print("Output :");
29         seriesUp(number);
30     }
31 }
```



```
Name :V. Jahnavi  
SAP ID:51834788  
Enter the number : 3  
Output :[1,1,2,1,2,3]  
Process finished.
```

```

1 import java.util.Scanner;
2 abstract class Laptop
3 {
4     boolean on=false;
5     abstract void turnOn();
6     abstract void turnOff();
7     abstract void setTime();
8     abstract void increaseVolume();
9     abstract void decreaseVolume();
10 }
11 public class Jahnavi extends Laptop
12 {
13     public void turnOn()
14     {
15         on = true;
16         System.out.println("Laptop turned on...
17 ");
18     }
19     public void turnOff()
20     {
21         on = false;
22         System.out.println("Laptop turned off...
23 ");
24     }
25     public void setTime()
26     {
27         System.out.println("Time was setted in
28 laptop...");
29     }
30     public void increaseVolume()
31     {
32         System.out.println("Volume was increased
33 in laptop...");
34     }
35     public void decreaseVolume()
36     {
37         System.out.println("Volume was decreased
38 in laptop...");
39     }
40     public static void main(String args[])
41     {
42         System.out.println("Name :V.
43 Jahnavi\nSAP ID:51834788");
44         Laptop h=new Jahnavi();
45         h.turnOn();
46         h.turnOff();

```

```

6     abstract void turnOff();
7     abstract void setTime();
8     abstract void increaseVolume();
9     abstract void decreaseVolume();
10 }
11 public class Jahnavi extends Laptop
12 {
13     public void turnOn()
14     {
15         on = true;
16         System.out.println("Laptop turned on...
17 ");
18     }
19     public void turnOff()
20     {
21         on = false;
22         System.out.println("Laptop turned off...
23 ");
24     }
25     public void setTime()
26     {
27         System.out.println("Time was setted in
28 laptop...");
29     }
30     public void increaseVolume()
31     {
32         System.out.println("Volume was increased
33 in laptop...");
34     }
35     public void decreaseVolume()
36     {
37         System.out.println("Volume was decreased
38 in laptop...");
39     }
40     public static void main(String args[])
41     {
42         System.out.println("Name :V.
43 Jahnavi\nSAP ID:51834788");
44         Laptop h=new Jahnavi();
45         h.turnOn();
46         h.turnOff();
47         h.setTime();
48         h.increaseVolume();
49         h.decreaseVolume();
50     }
51 }

```



```
Name :V. Jahnavi  
SAP ID:51834788  
Laptop turned on...  
Laptop turned off...  
Time was setted in laptop...  
Volume was increased in laptop...  
Volume was decreased in laptop...  
  
Process finished.
```



```

1 import java.util.Scanner;
2
3 public class Main {
4     public static void main(String[] args)
5     {
6         System.out.println("Name :V.
Jahnavi\nSAP ID:51834788");
7         Scanner scanner = new
Scanner(System.in);
8         System.out.print("Original string :
");
9
10        String originalStr =
scanner.nextLine();
11        scanner.close();
12
13        String words[] =
originalStr.split("\\s");
14        String reversedString = "";
15
16        for (int i = 0; i < words.length; i+
+)
17        {
18            String word = words[i];
19            String reverseWord = "";
20            for (int j = word.length() - 1;
j >= 0; j--) {
21                reverseWord = reverseWord +
word.charAt(j);
22            }
23            reversedString = reversedString
+ reverseWord + " ";
24        }
25
26        // Displaying the string after
reverse
27        System.out.print("Reversed string :
" + reversedString);
28    }
29 }

```



Name :V. Jahnavi

SAP ID:51834788

Original string : hello I am jahnavi

Reversed string : olleh I ma ivanhaj

Process finished.