

```
1 //3rd question
2 interface Student
3 {
4     public void details();
5
6     public void performance();
7 }
8 class StudentName implements Student
9 {
10
11     public void details()
12     {
13         System.out.println("Details ");
14     }
15     public void performance()
16     {
17         System.out.println("Performance");
18     }
19     public static void main(String args[])
20     {
21         System.out.println("Ch.Ramana Rohith\n5
22         StudentName m=new StudentName();
23         m.details();
24         m.performance();
25     }
26 }
```

× Terminal



```
Ch.Ramana Rohith
51834534
Details
Performance
```

```

1 //4th question
2 import java.lang.Math;
3 public class Main
4 {
5     public static void main(String[] args)
6     {
7         System.out.println("Ch.Ramana Rohith\r
8         char ch=' ';
9         for(int i=4;i>=1;i--)
10        {
11            int k=(int)Math.pow(2,i-1);
12            if(i==4)
13                ch='*';
14            else if(i==3)
15                ch='&';
16            else if(i==2)
17                ch='%';
18            for(int j=i;j<=4;j++)
19            {
20                System.out.print(" ");
21            }
22            for(int j=1;j<=k+2;j++)
23            {
24                if(j==1 || j==k+2 && i!=1)
25                {
26                    System.out.print("#");
27                }
28                else if(i!=1)
29                {
30                    System.out.print(ch);
31                }
32            }
33            System.out.println();
34        }
35    }
36 }
37 }

```



Make public



× Terminal



Ch.Ramana Rohith
51834534

#*****#

#&&&&#

#%%#

#

Process finished.

```
1 //5thquestion
2 import java.util.Scanner;
3 public class CountWords
4 {
5     public static void main(String[] args)
6     {
7         System.out.println("Ch.Ramana Rohith\nS
8         Scanner sc=new Scanner(System.in);
9         System.out.println("Enter Input : ");
10        String sentence = sc.nextLine();
11        int wordCount = 0;
12
13        for(int i = 0; i < sentence.length()-1
14        {
15            if(sentence.charAt(i) == ' ' && C
16            {
17                wordCount++;
18            }
19        }
20        wordCount++;
21        System.out.println("Output : " + wordC
22    }
23 }
```

× Terminal



```
Ch.Ramana Rohith
SAP ID:51834534
Enter Input :
Ramana. . Rohith
Output : 2

Process finished.
```