QUES 01

```java
package q01;

public class q01 {

    public static void main(String[] args) {
//          System.out.println("hb");

            String word[]= {"car","Truck"};

            String sentence="I have 2 Car one is Baleno Car and other is
Farari Car but Truck is used for \r\n"
                          + "transportation.";

            for(int i=0;i<word.length;i++)
            {
                word[i]=word[i].toLowerCase();
            }


            sentence=sentence.toLowerCase();

            int index=0;
            int count_c=0;
            int count_t=0;

            while((index=sentence.indexOf(word[0],index)) !=-1)
            {
                count_c++;
                index=index+word.length;
            }

            while((index=sentence.indexOf(word[1],index)) !=-1)
            {
                count_t++;
                index=index+word.length;
            }

            System.out.println(word[0]+" occurance:"+count_c);

            System.out.println(word[1]+" occurance:"+count_t);
    }
}
```

QUES 02

```java
package q02;

import java.util.Scanner;

public class q02 {
public static void main(String[] args) {

    System.out.println("Enter word");
    String sentence=" Wel come to  CDAC it offers DAC in All CDAC
centre.";

    Scanner sc=new Scanner(System.in);

    String word=sc.next();

    word=word.toLowerCase();
    sentence=sentence.toLowerCase();

    int index=0;
    int count=0;


    while((index=sentence.indexOf(word,index)) !=-1)
    {
        count++;
        index=index+word.length();
    }
    System.out.println(word+" Ocuurance: "+count);
}
}
```

QUES 03

```java
package q03;

import java.util.Scanner;

public class q03 {

    public static void main(String[] args) {
        System.out.println("Enter a number:");
        Scanner sc=new Scanner(System.in);

        int n=sc.nextInt();
        int original=n;
        int rev=0;
        while(n>0)
```

```java
    {
        int digit=n%10;
        rev=rev*10+digit;
        n=n/10;
    }

    if(original==rev)
    {
        System.out.println("Palindrome");
    } else
    {
        System.out.println("Not Plaindrome");
    }
//        System.out.println(rev);

    }
}
```

QUES 04

```java
package q04;

import java.util.Scanner;

public class q04 {

    public static void main(String[] args) {

        System.out.println("Enter words:");
        Scanner sc=new Scanner(System.in);

        String sen=sc.nextLine();
        sen=sen.replace(" ", "");

        char word[]=sen.toCharArray();
        int l=word.length;
        int count=0;

        for(int i=0;i<l;i++)
        {
            count++;
        }

        System.out.println(sen+"-> have total "+count+" words");
    }
}
```