

1<sup>st</sup>

```
import java.util.*;  
  
class WordOccurence{  
    public static void main(String args[]){  
        Scanner sc = new Scanner(System.in);  
        System.out.println("Enter the sentence");  
        String str=sc.nextLine();  
  
        String []word={"Car ","Truck"};  
  
        str=str.toLowerCase();  
  
        int index,count;  
  
        for(String i:word){  
            count=0;  
            index=0;  
            i=i.toLowerCase();  
            while((index=str.indexOf(i,index))!=-1)  
            {  
                count++;  
                index+=i.length();  
            }  
            System.out.println(i+" occurred "+count);  
        }  
    }  
}
```

}

}

}

2<sup>nd</sup>

```
import java.util.*;
```

```
class WordOccurrence{
```

```
    public static void main(String args[])
```

```
{
```

```
    Scanner sc = new Scanner(System.in);
```

```
    System.out.println("Enter the sentence");
```

```
    String str=sc.nextLine();
```

```
    System.out.println("Enter the Word");
```

```
    String word=sc.nextLine();
```

```
    str=str.toLowerCase();
```

```
    word=word.toLowerCase();
```

```
    int index=0;int count=0;
```

```
while((index=str.indexOf(word,index))!=-1)
{
    count++;
    index+=word.length();
}

System.out.println(word+" "+count);

}
}
```

3<sup>rd</sup>

```
import java.util.*;

public class palinString
{
    public static void main(String args[])
    {
        Scanner sc=new Scanner(System.in);
        String str=sc.nextLine();
        str=str.toLowerCase();
    }
}
```

```

int n=str.length();

boolean flag=true;

for(int i=0;i<n/2;i++)

{

    if(str.charAt(i)!=str.charAt(n-i-1))

    {

        flag=false;

        break;

    }

}

if(flag)System.out.println("String is palindrome");

else System.out.println("String is not palindrome");

}

}

```

4<sup>th</sup>

```

class Main{

    public static void main(String args[])

    {

        int count=0;

        String str=" Vita is a cdac centre . it has dac and dbda";

        System.out.println(str.length());

        for(int i=0;i<str.length();i++)

        {

            if(str.charAt(i)!=' ') count++;

        }

    }

}

```

```
 }  
 System.out.println(count);  
 }  
 }
```