

1) Playing with String

```
package playingwithstring;

import java.util.Scanner;

public class PlayString {

    public static String formString(String str,int n)

    {

        String[] s=str.split(" ");

        char ch;

        StringBuffer str1=new StringBuffer();

        for(String sn:s)

        {

            if(sn.length()==n)

            {

                ch=sn.charAt(sn.length()-1);

            }

            else

            {

                ch='$';

            }

            str1.append(ch);

        }

        return str1.toString();

    }

    public static void main(String[] args) {

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

```

        System.out.println("Ener the String");

        String str=sc.nextLine();

        System.out.println("Ener the number");

        int n=sc.nextInt();

        PlayString p=new PlayString();

        System.out.println(p.formString(str,n));

    }

}

```

output:

Ener the String

ABC XYZ EFG MN

Ener the number

3

CZG\$

2) Reverse Substring

```
package stringx1;
```

```
import java.util.Scanner;
```

```
public class ReverseString {
```

```
    public static String reverseSubstring(String str,int index1,int length)
```

```
    {
```

```
        StringBuffer sb=new StringBuffer(str);
```

```

        sb.reverse();

        str=sb.toString();

        return str.substring(index1, (index1+length));
    }

    public static void main(String[] args) {
        // TODO Auto-generated method stub

        Scanner sn=new Scanner(System.in);

        System.out.println("Enter the string");

        String msg=sn.next();

        System.out.println("Enter the starting index");

        int index=sn.nextInt();

        System.out.println("Enter the length of the selected string");

        int len=sn.nextInt();

        msg.length();

        ReverseString a=new ReverseString();

        System.out.println(a.reverseSubstring(msg, index, len));
    }
}

```

output:

Enter the string

rajasthan

Enter the starting index

2

Enter the length of the selected string

3

hts

3) Fetching middle Characters from the String

```
package stringex2;

import java.util.Scanner;

public class Midle {

    public static void main(String[] args) {

        // TODO Auto-generated method stub

        Scanner sn=new Scanner(System.in);

        char ch;

        do

        {

            System.out.println("Enter the string of even length");

            String msg6=sn.next();

            if(msg6.length()%2==0)

            {

                int a;

                if(msg6.length()%2==0)

                {

                    a=(msg6.length()/2);

                    System.out.println(msg6.charAt(a-1)+" "+msg6.charAt(a));

                    //System.out.println();

                }

            }

        }

        else
```

```

    {
        System.out.println("Plz enter the string of even length only");
    }

    System.out.println("do u want to continue press y");
    ch=sn.next().charAt(0);
} while(ch=='y');
}
}

```

output:

Enter the string of even length

this

hi

4) String Processing-Long+Short+Long

```
package stringex3;
```

```
import java.util.Scanner;
```

```
public class InsertString {
```

```
    public static String getCombo(String msg3,String msg4)
```

```
    {
```

```
        if(msg3.length()<msg4.length())
```

```
        return msg3+""+msg4+""+msg3;
```

```
        else
```

```
        return msg3+""+msg4+""+msg3;
```

```
    }
```

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

```

        // TODO Auto-generated method stub

        Scanner sn=new Scanner(System.in);

        String msg1,msg2;

        System.out.println("Enter the first string");

        msg1=sn.next();

        System.out.println("Enter the second string");

        msg2=sn.next();

        InsertString ob=new InsertString();

        System.out.println(ob.getCombo(msg1, msg2));

    }

}

```

output:

Enter the first string

Hello

Enter the second string

Hi

HelloHiHello

5) String Processing-Replication

```
package replica;
```

```
import java.util.Scanner;
```

```
public class Replica {
```

```
    public static String repeatString(String msg2,int b )
```

```
{
```

```
    StringBuffer sb=new StringBuffer();
```

```

        for(int i=1;i<=b;i++)
        {
            sb.append(msg2+"");
        }
        return sb.toString();
    }

    public static void main(String[] args) {
        // TODO Auto-generated method stub
        Scanner sn=new Scanner(System.in);
        String msg1;
        System.out.println("Enter the string");
        msg1=sn.next();
        int n=sn.nextInt();
        Replica obj=new Replica();
        System.out.println(obj.repeatString(msg1, n));
    }
}

```

output:

Enter the string

Lily

2

LilyLily

6) Flush Characters

```
package flushcharector;

import java.util.Scanner;

public class SplChar {

    public static String getSplChar(String msg2)
    {
        StringBuffer sb=new StringBuffer();

        for(int i=0;i<msg2.length();i++)
        {
            char a=msg2.charAt(i);

            if(!Character.isAlphabetic(a))

                sb.append(a);
        }

        return sb.toString();
    }

    public static void main(String[] args) {

        // TODO Auto-generated method stub

        Scanner sn=new Scanner(System.in);

        String msg1;

        System.out.println("Enter the string");

        msg1=sn.next();

        SplChar obj=new SplChar();

        System.out.println(obj.getSplChar(msg1));

    }

}
```


output:

Enter the string

cogniz\$#45Ant

\$#45

7) Negative String

```
package negaivestring;
```

```
import java.util.Scanner;
```

```
public class main1 {
```

```
    public static String negativeString(String msg2)
```

```
    {
```

```
        StringBuffer buf1=new StringBuffer();
```

```
        String[] str=msg2.split(" ");
```

```
        for(String s:str)
```

```
        {
```

```
            if(s.equals("is"))
```

```
            {
```

```
                buf1.append(" ").append("is not").append(" ");
```

```
            }
```

```
            else
```

```
            {
```

```
                buf1.append(s).append(" ");
```

```
            }
```

```
        }
```

```
        return buf1.toString();
```

```

    }

    public static void main(String[] args) {

        // TODO Auto-generated method stub

        Scanner sn=new Scanner(System.in);

        String msg1;

        System.out.println("Enter the string");

        msg1=sn.nextLine();

        main1 obj=new main1();

        System.out.println(obj.negativeString(msg1));

    }

}

```

output:

Enter the string

This is just a misconception

This is not just a misconception

8) Name Shrinking

```

package nameShrinking;

import java.util.Scanner;

public class DotSepearatedInitial {

    public static String getFormattedString(String msg)

    {

        StringBuffer buff=new StringBuffer();

        StringBuffer buff1=new StringBuffer();

        String[] str=msg.split(" ");

```

```

    int n=0;

    for(String s:str)
    {
        if(n<2)
        {
            buff.append(s.charAt(0)).append("."); n++;
        }

        else
        {
            buff1.append(s);
        }
    }

    buff.reverse();

    return buff1.append(buff).toString();
}

public static void main(String[] args) {
    Scanner sn=new Scanner(System.in);

    String msg;

    System.out.println("Enter the string");

    msg=sn.nextLine();

    System.out.println(getFormattedString(msg));

}
}

```

output:

Enter the string

Sachin Ramesh Thendulkar

Thendulkar.R.S

9) Start Case

```
package startcase;
```

```
import java.util.Scanner;
```

```
public class PrintCapitalized {
```

```
public static String printCapitalized(String msg1)
```

```
{
```

```
    StringBuffer buff=new StringBuffer();
```

```
    String[] str=msg1.split(" ");
```

```
    String a = null;
```

```
    for( String s:str)
```

```
    {
```

```
        int n=s.length();
```

```
        a=s.substring(1,n);
```

```
        buff.append(s.substring(0,1).toUpperCase()).append(a).append(" ");
```

```
    }
```

```
    return buff.toString();
```

```
}
```

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

```

Scanner sn=new Scanner(System.in);

String msg1;

System.out.println("Enter the string");

msg1=sn.nextLine();

System.out.println(printCapitalized(msg1));

    }

}

```

output:

Enter the string

now is the time to act!

Now Is The Time To Act!

10) Occurence Count

```

package findingword;

import java.util.Scanner;

import printlowercasex.lower_x;

public class Occurence {

    static int count=0;

    public static int countWords(String msg3,String msg4)

    {

        String[] str=msg3.split(" ");

        for(String s:str)

```

```

        {
            if(s.equals(msg4))
            {
                count++;
            }
        }
        return count;
    }

    public static void main(String[] args) {
        Scanner sn=new Scanner(System.in);
        System.out.println("Enter the string");
        String msg1=sn.nextLine();
        System.out.println("Enter the word to be counted");
        String msg2=sn.nextLine();
        Occurence obj=new Occurence();
        System.out.println(obj.countWords(msg1,msg2));
    }
}

```

output:

Enter the string

Hello world java is best programing language in the world

Enter the word to be counted

world

11) String Processing Small 'x' at last

```
package printlowercasex;

import java.util.Scanner;

public class lower_x {

    public static String moveX(String msg3)
    {
        StringBuffer buf1=new StringBuffer();
        StringBuffer buf2=new StringBuffer();

        for(int i=0;i<msg3.length();i++)
        {
            char ch=msg3.charAt(i);
            if(ch=='x') {
                buf1.append(ch);
            }else
            {
                buf2.append(ch);
            }
        }

        return buf2.append(buf1).toString();
    }

    public static void main(String[] args) {
        Scanner sn=new Scanner(System.in);
        System.out.println("Enter the string");
```

```
String msg1=sn.nextLine();

lower_x obj=new lower_x();

System.out.println(obj.moveX(msg1));

    }

}
```

output:

Enter the string

XXxxtest

XXtestxx
