Exp no 04

// page no 29 activity 1

class sdemo

{

public static void main(String a[])

{

String s = "fun";

System.out.println(s.substring(0,1));

System.out.println(s.substring(0,2));

System.out.println(s);

System.out.println(s.charAt(1));

System.out.println(s.substring(1,3));

System.out.println(s.charAt(2));

}

}

---OUTPUT---

f

fu

fun

u

un

n

//activity 2.1

//pg no : 29 2.1

import java.io.\*;

class strtest

{

public static void main(String args[]) throws Exception

{

String str=new String();

String search=new String();

int i,len1, len2,index=-1,count=0;

DataInputStream in=new DataInputStream(System.in);

System.out.println("Enter the word >");

str=in.readLine();

System.out.println("Enter the word to be searched in string >");

search=in.readLine();

len1=str.length();

len2=search.length();

for(i=0; i<=len1-1;i=index+len2)

{

index=str.indexOf(search,i);

if(index!=-1)

count++;

else

break;

}

System.out.println("Occurences : "+count);

}

}

----OUTPUT----

Enter the word >Hall

Enter the word to be searched in string >l

Ocurrences : 2

//activity 2.4

import java.util.\*;

import java.io.\*;

class sdemo1

{

public static void main(String arg[])

{

StringBuffer str1= new StringBuffer("IF5GB");

System.out.println("The reverse of string is>");

System.out.print(str1.reverse());

}

}

--- OUTPUT ---

The reverse of the string is >BG5FI

//activity 2.3

import java.util.\*;

import java.io.\*;

class sdemo2

{

public static void main(String arg[])

{

String str1= new String("IF5GB");

String str2="IF5GB";

System.out.println(str1.compareTo(str2));

if(str1.compareTo(str2)==0)

{

System.out.println("Strings are Equal");

}

else

{

System.out.println("Strings are not Equal");

}

}

--- OUTPUT ---

0

Strings are Equal

//pg no : 29 2.3

import java.io.\*;

class strtest

{

public static void main(String args[]) throws Exception

{

String str=new String();

String search=new String();

int i,len1, len2,index=-1,count=0;

DataInputStream in=new DataInputStream(System.in);

System.out.println("Enter the word >");

str=in.readLine();

System.out.println("Enter the word to be searched in string >");

search=in.readLine();

len1=str.length();

len2=search.length();

for(i=0; i<=len1-1;i=index+len2)

{

index=str.indexOf(search,i);

if(index!=-1)

count++;

else

break;

}

System.out.println("Occurences : "+count);

}

}

----OUTPUT----

Enter the word >Hall

Enter the word to be searched in string >l

Ocurrences : 2