STRING MANIPULATION PROGRAMS

QUESTION1

import java.util.\*;

public class Immutable{

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

System.out.println("Enter a String : ");

String s = sc.nextLine();

System.out.println(s.hashCode());

System.out.println("Enter string to concat : ");

String str = sc.nextLine();hello

s = s+str;

System.out.println("After concatenation: "+s);

System.out.println(s.hashCode());

System.out.println("Immutable since hashcode changed");

}

}

QUESTION 2

import java.util.Scanner;

public class Removeoccurences

{

public static void main(String args[])

{

Scanner sc=new Scanner(System.in);

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

String s=sc.nextLine();

System.out.println("Enter character to remove: ");

char c =sc.nextLine().charAt(0);

int n =s.length();

String str="";

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

{

if (s.charAt(i) != c)

str = str + s.charAt(i);

}

System.out.println(str);

}

}

QUESTION3

import java.util.Scanner;

public class onlydigits

{

public static void main(String args[]) {

Scanner sc = new Scanner(System.in);

String str = sc.nextLine();

int n = str.length();

int flag = 0;

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

{

if (!(str.charAt(i) >= '0' && str.charAt(i) <= '9'))

{

flag++;

break;

}

}

if (flag == 0)

System.out.println("Contains only digits");

else

System.out.println("String does not contain only digits");

}

}

QUESTION 4

import java.util.\*;  
public class FirstJava{  
 public static void main(String[] args) {  
 Scanner sc = new Scanner(System.*in*);  
 System.*out*.println("Enter a String : ");  
 String str = sc.nextLine();  
 if (str == null || str.isEmpty())  
 System.*out*.println("string is empty");  
 else  
 System.*out*.println("string is not empty");  
  
 }}

QUESTION 5

import java.util.\*;  
public class FirstJava{  
 public static void main(String[] args) {  
 Scanner sc = new Scanner(System.*in*);  
 System.*out*.println("Enter a String : ");  
 String str = sc.nextLine();  
  
 System.*out*.println("string length is:"+str.length());  
  
 }}

QUESTION 6

import java.util.\*;  
public class FirstJava{  
 public static void main(String[] args) {  
 Scanner sc = new Scanner(System.*in*);  
 System.*out*.println("Enter a String : ");  
 String s1 = sc.nextLine();  
 System.*out*.println("Enter a String : ");  
 String s2 = sc.nextLine();  
  
 System.*out*.println(s1.equals(s2));  
 System.*out*.println(s1.compareTo(s2));  
  
 }}

QUESTION 7

import java.util.\*;  
public class FirstJava{  
 public static void main(String[] args) {  
 Scanner sc = new Scanner(System.*in*);  
 System.*out*.println("Enter a String : ");  
 String str = sc.nextLine();  
 System.*out*.print(str.charAt(0));  
 for(int i=1; i<str.length()-1; i++){  
 if(!(str.charAt(i) == '-' && str.charAt(i-1) >= '0' && str.charAt(i-1) <= '9' && str.charAt(i+1) >= '0' && str.charAt(i+1) <= '9')){  
 System.*out*.print(str.charAt(i));  
 }  
 }  
 System.*out*.print(str.charAt(str.length() - 1));  
 }  
}