**Assignment - 12**

**Strings In Java(Assignment - 2)**

1. **Write a simple String Program to take input from the user?**

Ans: import java.util.Scanner;

public class Q1 {

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("The Entered String is: "+s);

}

}

**2. How do you concatenate two strings in java? Give an example.**

Ans: You can concatenate two string with the help of **concat()** method.

String s1 = “Anurag”;

s1 = s1.concat(“Verma”);

System.out.println(s1);

o/p: AnuragVerma

**3. How do you find the length of a String in Java? Give an example.**

Ans: To find a length of the String you can use **length()** method that is an inbuilt method of String class.

String s1 = “Anurag”;

System.out.println(s1.length());

o/p: 6

**4. How do you compare two Strings in Java? Give an example.**

Ans : There are two ways to compare two Strings :

a) using **(==)** operator:- It compares the references of two Objects.

b). using **equals()** method:- It compares the content of the Objects.

String s1 = “Anurag”;

String s2 = new String(“Anurag”);

System.out.println(s1 == s2);

System.out.prinltn(s1.equals(s2);

o/p: false

true

**5. Write a program to find the length of the String “refrigerator”?**

Ans: public class Q5 {

public static void main(String [] args){

String s = "refrigerator";

System.*out*.println(s.length());

}

}

**6. Write a program to check if the letter ‘e’ is present in the word “Umbrella”?**

Ans: public class Q6 {

public static void main(String [] args){

String s = "Umbrella";

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

if(s.charAt(i) == 'e'){

System.*out*.println("e is present");

}

}

System.*out*.println(s.contains("e"));

}

}

**7. Write a program to delete all the Consonants from the String “Hello, have a good day”?**

Ans: public class Q7 {

public static void main(String [] args){

String s = "Hello, have a good day";

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

if(s.charAt(i) == ' ' || s.charAt(i) == ‘,' || s.charAt(i) == 'a'|| s.charAt(i) == 'e' || s.charAt(i) == ‘i' || s.charAt(i) == 'o' || s.charAt(i) == 'u'){

System.*out*.print(s.charAt(i));

}

}

}

}

o/p : eo, ae a oo a