

String Part-2

Q1. Write a simple program to take input from user?

```
package String_Assignment;

import java.util.Scanner;

public class Q1 {
    public static void main(String[] args) {
        String input="";
        Scanner scan= new Scanner(System.in);
        System.out.println("Enter Your Input");
        input = scan.nextLine();
        System.out.println("You Entered " + input);
    }
}
```

Q2. How do you concatenate two strings in java? Give an example?

In Java, you can concatenate two strings by using the "+" operator. Here's an example:

```
public class Q2 {
    public static void main(String[] args) {
        String str1= "Good";
        String str2= "day";
        String result= str1 + " " + str2;
        System.out.println(result);
    }
}
```

Q3.how do you find the length of a string in java? Explain with an example?

```
public class Q3 {
    public static void main(String[] args) {
        String str="Java is a object-oriented programming language";
        System.out.println(str.length());
    }
}
```

Q4. How do you compare two string in java? Give an example?

In Java, you can compare two strings using the equals() method

```
public class Q4 {
    public static void main(String[] args) {
        String str1= "Computer";
        String str2= "Computer";
```

```

    if(str1.equals(str2))
    {
        System.out.println("The Strings are equal");
    }
    else
    {
        System.out.println("The Strings are not equal");
    }
}
}

```

Q5. Write a program to find length of the string “refrigerator” ?

```

public class Q5 {
    public static void main(String[] args) {
        String str= "refrigerator";
        int a = str.length();
        System.out.println(a);
    }
}

```

Q6. Write a program to check if the letter ‘e’ is present in the word ‘umbrella’?

```

public class Q6 {
    public static void main(String[] args) {
        String str="umbrella";
        boolean check=false;
        for(int i=0;i<str.length();i++)
        {
            if(str.charAt(i)=='e')
            {
                check= true;
                break;
            }
        }
        if(check)
        {
            System.out.println("e is present in the word");
        }
        else
        {
            System.out.println("not present");
        }
    }
}

```

Q7. Write a program to delete all consonants from the string “Hello, have a good day” ?

```
public class Q7 {  
    public static void main(String[] args) {  
        String s="Hello, have a good day";  
        int j=0;  
        char ch[]=new char[20];  
        for(int i=0;i<s.length();i++)  
        {  
            if(s.charAt(i)=='a' || s.charAt(i)=='A' || s.charAt(i)=='e' || s.charAt(i)=='E' ||  
                s.charAt(i)=='i' || s.charAt(i)=='I' || s.charAt(i)=='o' || s.charAt(i)=='O' ||  
                s.charAt(i)=='U' || s.charAt(i)=='u')  
            {  
                ch[j++]=s.charAt(i);  
            }  
            else  
            {  
                continue;  
            }  
        }  
        for(int i=0;i<j;i++)  
        {  
            System.out.print(ch[i]);  
        }  
        System.out.println();  
    }  
}
```