

Q.1) Write a simple String program to take input from use ?

```
Ans:- import java.util.*;
public class HomeWork2 {

    public static void main(String[] args) {

        Scanner scan=new Scanner(System.in);
        System.out.println("what is your name");
        String name= scan.nextLine();
        System.out.println("your name is " + name);

    }

}
```

Q.2) How do you concatenate two strings in Java? Give an example,

Ans:- Two ways to compare string in java –

A) Using + operators.

```
String s1="Pw Skill ";
String s2 = "Java";
System.out.println(s1+s2);
```

B) Using concatenation method.

```
String s1="Pw Skill";
s1= s1.concat(" Java");
System.out.println(s1);
```

Q.3) How do you find the length of a string in Java Explain with an example,

Ans:- using length () , we can find the length of a string. For example ,

```
String name = " Sachin Tendulkar";
```

```
System.out.println(name.length());
```

Q.4) How do you compare two strings in Java? Give an Example .

Ans:- There are two ways to compare two string in java-

a) Using "==" operator.

For ex- String s1="pw Skill"

```
String s2="Pw Skill"
```

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

b) Using equal()

For ex- String s1="pw Skill"

```
String s2="Pw Skill"
```

```
System.out.println(s1.equal(s2));
```

Q .5) Write a program to find the length of the string "refrigerator" ?

```
Ans:- public class HomeWork2 {  
  
    public static void main(String[] args) {  
  
        String s1= "Refrigerator";  
        System.out.println(s1.length());  
  
    }  
  
}
```

Q.6) Write a program to check if the letter 'e' is present in the word 'Umbrella'?

```
Ans:- public class HomeWork2 {  
  
    public static void main(String[] args) {  
  
        String s1= "umbrella";  
        System.out.println(s1.contains("e"));  
  
    }  
  
}
```

Q.7) Write a program to delete all consonants from the string "Hello, have a good day".

```
Ans:- public class HomeWork2 {  
  
    public static void main(String[] args) {  
        String s1 = "Hello, have a good day";  
        System.out.println(s1.replaceAll("[h,l,H,v,g,d,y]", " "));  
  
    }  
  
}
```

