

# Strings in Java

## Assignment Questions

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**1. Write a program to print a string entered by the user.**

**Ans-**

```
class Ans{  
    public static void main(String[] args){  
        Scanner s = new Scanner(System.in);  
        String a = s.next();  
  
        System.out.println(a);  
    }  
}
```

**2. How do you concatenate two strings in Java and give an example?**

**Ans-**

You can concatenate two strings in Java using the + operator:

```
String str1 = "Hello";  
String str2 = "World";  
String str3 = str1 + str2;
```

**3. How do you find the length of a string in Java Explain with an example?**

**Ans-**

The length of a string in Java can be found using the length() method:

```
String str = "example";  
int length = str.length();
```

#### **4. How do you compare two strings in Java?**

**Ans-**

Two strings in Java can be compared using the equals() method:

```
String str1 = "Hello";  
String str2 = "Hello";  
if (str1.equals(str2)) {  
    System.out.println("The strings are equal");  
} else {  
    System.out.println("The strings are not equal");  
}
```

#### **5. Write a program to find the length of the string "refrigerator".**

**Ans-**

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

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

**Ans-**

```
class Ans{
public static void main(String[] args){
String a = "Umbrella";
boolean per = false;
for(int i = 0;i<a.length();i++){
if(a.charAt(i) == 'e'){
per=true;
break;
}
}
System.out.println(per);
}
}
```

**7. Write a program to delete all consonants from the string "Hello, have a good day". (Take input from user)**

**Ans-**

```
class delete
{
public static void main(String args[])
{
String s;
int j=0;
System.out.println("Enter a string");
Scanner so=new Scanner(System.in);
```

```
s= so.nextLine();
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)=='l' || 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();
}
}
```