

String

Assignment Solutions



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

```
import java.util.Scanner;
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?

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?

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?

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:

```
import java.util.Scanner;
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)=='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();  
}  
}
```

