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

Ans:

```java
import java.util.Scanner;

public class testStr {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);

        System.out.print("Enter the string: ");
        String str = sc.nextLine();
        System.out.println(str);
    }
}
OUTPUT:
Enter the string: avijit patra
avijit patra
```

2. how do you concatenate two strings in Java and give an example.

Ans:

We can concatenate two strings using + operator.

```java
public class newStr {
    public static void main(String[] args) {
        String s1 = "Hello";
        String s2 = "World";

        System.out.println(s1 + s2);

    }
}
OUTPUT:
HelloWorld
```

3. How do you find the length of a String in Java with example.

Ans:

We can find the length of a String in java using length() method.

```java
public class newStr {
    public static void main(String[] args) {
        String str = "Avijit Patra";
        int a = str.length();
        System.out.println(a);
    }
```

```
}
OUTPUT:
12
```

4. How do you compare two Strings in Java?

Ans:

We can compare two Strings using equals() method.

```java
public class newStr {
    public static void main(String[] args) {
        String s1 = "Avijit";
        String s2 = new String("Avijit");

        if(s1.equals(s2)){
            System.out.println("Strings are equal");
        } else {
            System.out.println("Strings are not equal");
        }
    }
}
OUTPUT:
Strings are equal
```

5. Write a program to find the length of the String "refrigerator".

Ans:

```java
public class newStr {
    public static void main(String[] args) {
        String s1 = "refrigerator";
        System.out.println(s1.length());
    }
}
OUTPUT:
12
```

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

Ans:

```java
public class newStr {
    public static void main(String[] args) {
        String s1 = "Umbrella";
        boolean bl = false;
```

```
    for(int i = 0; i < s1.length(); i++){
        if(s1.charAt(i) == 'e'){
            bl = true;
            break;
        }
    }
    System.out.println(bl);
  }
}
OUTPUT:
True
```

7. Write a program to delete all consonants from the String. (take input from user)

Ans:

```
import java.util.Scanner;

public class testStr {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);

        System.out.print("Enter the string: ");
        String str = sc.nextLine();

        int a = 0;
        char ch[] = new char[20];

        for (int i = 0; i < str.length(); i++) {
            if (str.charAt(i) == 'A' || str.charAt(i) == 'a' || str.charAt(i) == 'E' || str.charAt(i) == 'e'
|| str.charAt(i) == 'I' || str.charAt(i) == 'i' || str.charAt(i) == 'O' || str.charAt(i) == 'o' ||
str.charAt(i) == 'U' || str.charAt(i) == 'u') {
                ch[a++] = str.charAt(i);
            } else {
                continue;
            }
        }
        for(int i = 0; i < a; i++){
            System.out.print(ch[i]);
        }
        System.out.println();
    }
}
OUTPUT:
Enter the string: my name is avijit patra
```

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