

1. Write a simple String program to take input from user ?

Ans

```
import java.util.Scanner;

public class Demo {

    public static void main(String[] args) {

        Scanner sc = new Scanner(System.in);

        System.out.println("Enter the string");

        String str = sc.nextLine();

        System.out.println("Entered string is " + str);

    }

}
```

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

Ans

```
import java.util.Scanner;

public class Demo {

    public static void main(String[] args) {

        Scanner sc = new Scanner(System.in);

        System.out.println("Enter the string");

        String str1 = sc.nextLine();

        String str2 = "Entered string is ";

        System.out.println( str2+ str1 +" concatenation "+10+" done");

        System.out.println( str2.concat(str1));

    }

}
```

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

Ans

With .length() method

```
import java.util.Scanner;

public class Demo {

    public static void main(String[] args) {

        Scanner sc = new Scanner(System.in);

        System.out.println("Enter the string");

        String str1 = sc.nextLine();

        System.out.println("Length of entered string is "+str1.length());

    }

}
```

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

Ans

```
import java.util.Scanner;

public class Demo {

    public static void main(String[] args) {

        String str1 = new String("Hello");

        String str2 = "hello";

        System.out.println(str1.equals(str2));

        System.out.println(str1.equalsIgnoreCase(str2));

        System.out.println(str1==str2); //compare reference of string object

    }

}
```

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

Ans

```
public class Demo {  
    public static void main(String[] args) {  
        String str1 = new String("Refrigerator");  
        System.out.println(str1.length());  
    }  
}
```

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

Ans

```
public class Demo {  
    public static void main(String[] args) {  
        String str1 = new String("Umbrella");  
        String str2 = "e";  
        System.out.println(str1.contains(str2));  
    }  
}
```

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

Ans

```
public class Demo {  
    public static void main(String[] args) {  
        String str1 = "Hello, have a good day";  
        String res= str1.replaceAll("[^aeiouAEIOU]", "");  
        System.out.println(res);  
    }  
}
```