

**OBJECT ORIENTED PROGRAMMING LAB****Experiment No.: 7****Aim:**

Perform string manipulations.

**Name:** Justin V Kalappura

**Roll No:** 10

**Batch:** MCA

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**Procedure:**

```
import java.util.Scanner;
import java.lang.*;
public class Mani
{ public static void main(String [] args)
{   int a;
    String b,c;
    Scanner sc = new Scanner(System.in);
    System.out.print(" Enter the string : ");
    b = sc.nextLine();
    while(true)
    { System.out.println("\nMENU:\n 1.String Length.\n 2.Uppercase.\n
      3.Lowercase.\n 4.Concatenate.\n 5.Character index.\n6.Exit.");
      System.out.print("\n Enter your option : ");
      a = sc.nextInt();
      switch(a)
      {   case 1:System.out.println(" String length = "+b.length());
          break;
          case 2:System.out.println(" String in uppercase = "+b.toUpperCase());
          break;
          case 3:System.out.println(" String in lowercase = "+b.toLowerCase());
```

```
        break;

    case 4:{ System.out.print(" Enter the string to be concatenate = ");

        c = sc.next();

        System.out.println(" Concatenated string = "+b.concat(c));

        break;

    }

    case 5:{ System.out.print(" Enter the Character to be searched in the

        given string = ");

        c = sc.next();

        System.out.println(" The character is found at”

        +(b.indexOf(c)+1)+".");

        break;

    }

    case 6: System.exit(0);

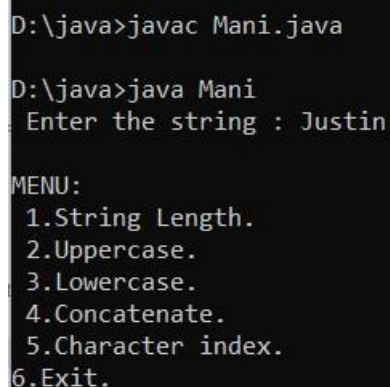
}

}

}

}
```

### Output Screenshot:



```
D:\java>javac Mani.java

D:\java>java Mani
Enter the string : Justin

MENU:
1.String Length.
2.Uppercase.
3.Lowercase.
4.Concatenate.
5.Character index.
6.Exit.
```

```
Enter your option : 1
String length = 6
```

```
Enter your option : 2
String in uppercase = JUSTIN
```

```
Enter your option : 3  
String in lowercase = justin
```

```
Enter your option : 4  
Enter the string to be concatenate = George  
Concatenated string = JustinGeorge
```

```
Enter your option : 5  
Enter the Character to be searched in the given string = t  
The character is found at 4.
```

```
Enter your option : 6  
D:\java>
```