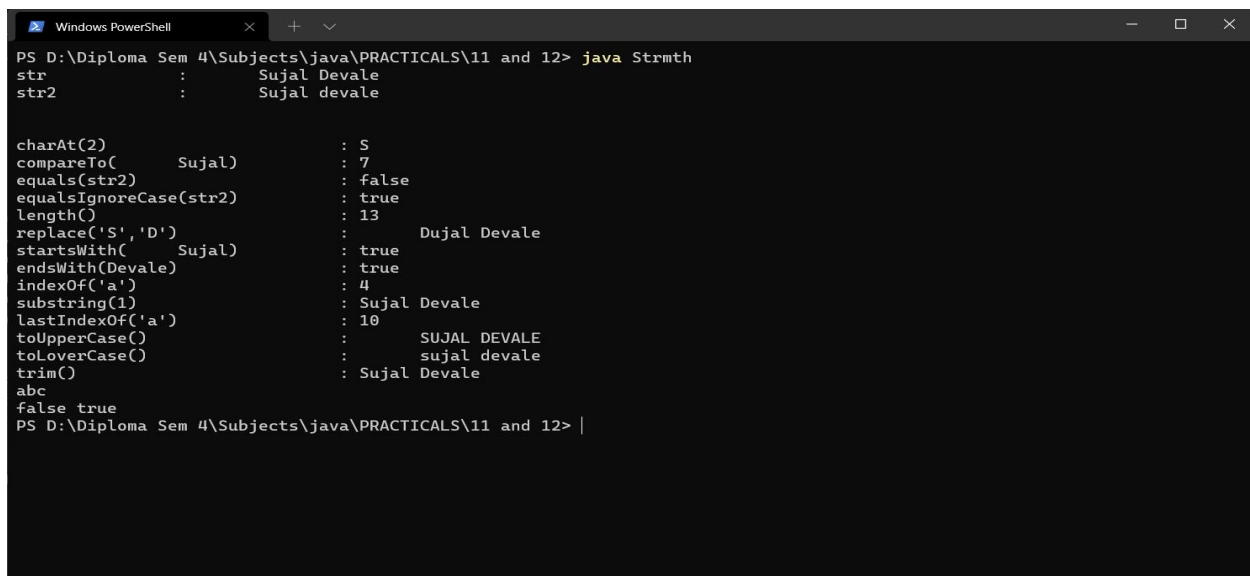


# Practical 11 - 12 :

## Code :

```
class Strmth{
    public static void main(String[] args){
        String str="  Sujal Devale";
        String str2="  Sujal devale";
        System.out.println("str      : "+str);
        System.out.println("str2      : "+str2+"\n\n");
        System.out.println("charAt(2)      : "+str.charAt(1));
        System.out.println("compareTo( Sujal)  : "+str.compareTo(" Sujal"));
        System.out.println("equals(str2)      : "+str.equals(str2));
        System.out.println("equalsIgnoreCase(str2)  : "+str.equalsIgnoreCase(str2));
        System.out.println("length()      : "+str.length());
        System.out.println("replace('S','D')    : "+str.replace('S','D'));
        System.out.println("startsWith( Sujal)  : "+str.startsWith("  Sujal"));
        System.out.println("endsWith(Devale)    : "+str.endsWith("Devale"));
        System.out.println("indexOf('a')      : "+str.indexOf('a'));
        System.out.println("substring(1)      : "+str.substring(1));
        System.out.println("lastIndexOf('a')    : "+str.lastIndexOf('a'));
        System.out.println("toUpperCase()      : "+str.toUpperCase());
        System.out.println("toLowerCase()      : "+str.toLowerCase());
        System.out.println("trim()      : "+str.trim());
        char chars[] ={'a','b','c'};
        String st = new String(chars);
        System.out.println(st);
        String s1="Hello I love java";
        String s2 = new String(s1);
        System.out.println((s1==s2)+" "+s1.equals(s2)); }
}
```

## Output :



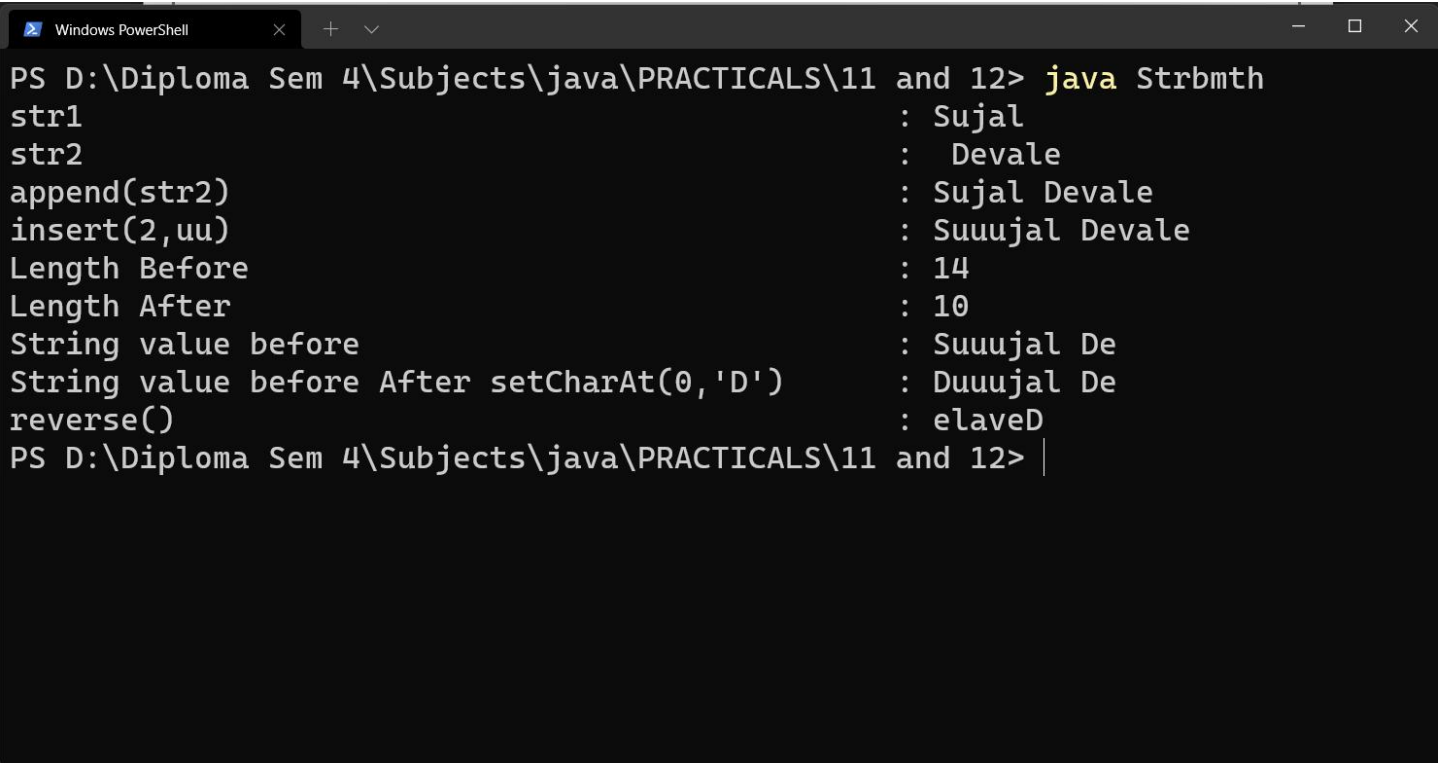
```
PS D:\Diploma Sem 4\Subjects\java\PRACTICALS\11 and 12> java Strmth
str      :   Sujal Devale
str2      :   Sujal devale

charAt(2)      : S
compareTo(      Sujal)  : 7
equals(str2)    : false
equalsIgnoreCase(str2)  : true
length()       : 13
replace('S','D') :   Dujal Devale
startsWith(     Sujal)  : true
endsWith(Devale) : true
indexOf('a')    : 4
substring(1)    : Sujal Devale
lastIndexOf('a') : 10
toUpperCase()   :   SUJAL DEVALE
toLowerCase()    :   sujal devale
trim()          : Sujal Devale
abc
false true
PS D:\Diploma Sem 4\Subjects\java\PRACTICALS\11 and 12> |
```

## Code :

```
class Strbmth{
    public static void main(String[] args){
        StringBuffer str1=new StringBuffer("Sujal");
        StringBuffer str2=new StringBuffer(" Devale");
        System.out.println("str1          : "+str1);
        System.out.println("str2          : "+str2);
        System.out.println("append(str2)       : "+str1.append(str2));
        System.out.println("insert(2,uu)        : "+str1.insert(2,"uu"));
        System.out.println("Length Before      : "+str1.length());
        str1.setLength(10);
        System.out.println("Length After       : "+str1.length());
        System.out.println("String value before : "+str1);
        str1.setCharAt(0,'D');
        System.out.println("String value before After setCharAt(0,'D') : "+str1);
        System.out.println("reverse()          : "+str2.reverse());
    }
}
```

## Output :



```
Windows PowerShell
PS D:\Diploma Sem 4\Subjects\java\PRACTICALS\11 and 12> java Strbmth
str1          : Sujal
str2          : Devale
append(str2)  : Sujal Devale
insert(2,uu)  : Suuujal Devale
Length Before : 14
Length After  : 10
String value before : Suuujal De
String value before After setCharAt(0,'D') : Duuujal De
reverse()     : elaveD
PS D:\Diploma Sem 4\Subjects\java\PRACTICALS\11 and 12> |
```