

**OBJECT ORIENTED PROGRAMING LAB****Experiment No.: 12****Name : Swetha Prakash****Roll No : 46****Batch : B****Date : 17-05-22****Aim**

Write a program to Perform string manipulations.

**Source Code**

```
class DetailsNTeachers{  
    public static void main(String[] args) {  
        Teacher teacObj[] = new Teacher[2];  
        teacObj[0] = new Teacher("Swetha Prakash","Female","Kaleekkal  
House",22,1234,"Wipro","phd",120000,"CA","CS",46);  
        teacObj[1] = new Teacher("Susan Sebastian","Female","Ooralikkunnel  
House",22,1235,"TCS","mphil",130000,"CN","CSS",45);  
        teacObj[0].display();  
        teacObj[1].display();  
    }  
}
```

```
class Person {  
    String name;  
    String gender;  
    String address;  
    int age;  
  
    Person(String name,String gender,String addr,int age){
```

```
this.name = name;  
this.gender = gender;  
this.address = addr;  
this.age = age;  
}
```

```
protected void display(){  
    System.out.println("Name : " + this.name);  
    System.out.println("Gender : " + this.gender);  
    System.out.println("Address : " + this.address);  
    System.out.println("Age : " + this.age);  
}  
}
```

```
class Employee extends Person{  
    int empId;  
    String companyName;  
    String qualification;  
    int salary;
```

```
    Employee(String name,String gen,String add,int age,int id,String comp,String  
qual,int salary){  
        super(name,gen,add,age);  
        this.empId = id;  
        this.companyName =comp;  
        this.qualification =qual;  
        this.salary=salary;  
    }  
    protected void display(){
```

```
        super.display();  
        System.out.println("ID : " + this.empId);  
        System.out.println("Company name : " + this.companyName);  
        System.out.println("Qualification: " + this.qualification);  
        System.out.println("Salary : " + this.salary);  
    }  
}
```

```
class Teacher extends Employee{  
    String subject;  
    String dept;  
    int tchrid;  
  
    Teacher(String name,String gen,String add,int age,int id,String comp,String  
qual,int salary,String subj,String dept,int tchid){  
        super(name,gen,add,age,id,comp,qual,salary);  
        this.dept =dept;  
        this.tchrid =tchid;  
        this.subject =subj;  
    }  
  
    public void display(){  
        System.out.println("*****");  
        super.display();  
        System.out.println("Subject : " + this.subject);  
        System.out.println("Department : " + this.dept);  
        System.out.println("Teacher ID : " + this.tchrid);  
        System.out.println("*****");  
    }  
}
```

## Output Screenshot

```
D:\Swetha>java DetailsNTeachers
*****
Name : Swetha Prakash
Gender : Female
Address : Kaleekkal House
Age : 22
ID : 1234
Company name : Wipro
Qualification: phd
Salary : 120000
Subject : CA
Department : CS
Teacher ID : 46
*****
*****
Name : Susan Sebastian
Gender : Female
Address : Ooralikkunnel House
Age : 22
ID : 1235
Company name : TCS
Qualification: mphil
Salary : 130000
Subject : CN
Department : CSS
Teacher ID : 45
*****
```