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**OBJECT ORIENTED PROGRAMING LAB**

**Experiment No.: 12**

# 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("Appu","male","AttitharaHouse",22,1234,"Wipro","pg",1200000,"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

