

ASSIGNMENT-7

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1.write a program to create a two packages and departments packages and under employee package create classes like Employee,Manager,Admin under department packages create class by name Department and project.

```
package student;

public class Employee {

    int empid=001;

    String empName="abc";

    int empphoneno=1234567890;

    String empdesng="developer";

    public void displayEmployee ()

    {

        System.out.println("Employee details: ");

        System.out.println("employee ID: "+empid);

        System.out.println("employee name: "+empName);

        System.out.println("employee phone number: "+empphoneno);

        System.out.println("employee designation: "+empdesng);

    }

    public class Admin{

        int adminid=002;

        String adminName="def";

        int adminphoneno=234567890;

        public void displayAdmin ()

        {

            System.out.println("Admin Details: ");

            System.out.println("Admin id: "+adminid);

            System.out.println("Admin name: "+adminName);

            System.out.println("Admin phone number: "+adminphoneno);
```

```

}

public class Manager{

    int managerid=003;

    String managerName="ghi";

    int managerphoneno=34567890;

    public void displayManager()

    {

        System.out.println("Manager id: "+managerid);

        System.out.println("ManagerName: "+managerName);

        System.out.println("Manager phone number: "+managerphoneno);

    }

}

}

}

}

package student;

public class Department {

    //member variable or instance variable

    String DepartName="computers";

    int Departmembers=4;

    String DepartHead="abc";

    public void displayDepartment()

    {

        System.out.println("Department name: "+DepartName);

        System.out.println("Department members: "+Departmembers);

        System.out.println("Department Head: "+DepartHead);

    }

}

public class Project{

    String projname="java program";

```

```

String projHead="abc";

int projMembers=5;

public void displayProject()

{

System.out.println("Project Name: "+projname);

System.out.println("Project Head: "+projHead);

System.out.println("Project members: "+projMembers);

}

}

}

```

2.Create a Main class to test the above classes

```

package student;

import student.Department.Project;

import student.Employee.Admin;

import student.Employee.Admin.Manager;

public class TestEmployee {

public static void main(String[] args) {

// TODO Auto-generated method stub

Employee emp=new Employee();

Manager manager=new Manager();

Admin admin=new Admin();

Department Depart=new Department();

Project Proj=new Project();

emp.displayEmployee();

manager.displayManager();

admin.displayAdmin();

Depart.displayDepartment();

```

```
Proj.displayProject();
```

```
}
```

```
}
```