

Assignment No 7

1. Write a program to create a two packages employeepackage and department package. Under employeepackage. Create class Employee,Manager,Admin, Under departmentpackage create class Departement,Project, Create main class to test above.

```
package string.employeePkg;           //Package employeePkg

public class Employee                 //Employee class
{
    String empName = "Adarsh";
    String empId = "SQY35426";
    String profile = "Software Engineer";

    void displayEmployee()
    {
        System.out.println("\tEmployee Details :");
        System.out.println("-----");
        System.out.println("Employee Name : " +empName);
        System.out.println("Employee Id : " +empId);
        System.out.println("Employee Profile : " +profile);
    }
}
```

```
package string.employeePkg;

public class Manager                 //Manager Class
{
    private String managerId = "SQY33346";
    private String managerName = "Rushikesh";

    void displayManager()
    {
        System.out.println("Manager Details :");
        System.out.println("-----");
        System.out.println("Manager Id : " +managerId);
        System.out.println("Manager Name : " +managerName);
    }
}
```

```
package string.employeePkg;
```

```
public class Admin                //Admin Class
{
    private String adminId="Shiv1458";
    private String adminName="Shiv";

    public void displayAdmin()
    {
        System.out.println("Admin Details :");
        System.out.println("-----");
        System.out.println("Admin Id : " +adminId);
        System.out.println("Admin Name : " +adminName);
    }
}
```

```
package string.departmentPkg;        //Another Package departmentPkg
```

```
public class Department            //Department class
{
    private String departmentName="IT";
    private String departmentName1 = "Computer Science";

    public void displayDepartment()
    {
        System.out.println("Departments");
        System.out.println("-----");
        System.out.println("Department Name : " +departmentName);
        System.out.println("Department Name : " +departmentName1);
    }
}
```

```
package string.departmentPkg;
```

```
public class Project                //Project class
{
    private String projectName = "Banking Management System";
    private int teamMember = 4;

    public void displayProject()
    {
        System.out.println("Project Details");
    }
}
```

```

        System.out.println("-----");
        System.out.println("Project Name : " + projectName);
        System.out.println("Project Members : " + teamMember);
    }
}

```

```

package string.employeePkg;
import string.departmentPkg.Department;
import string.departmentPkg.Project;

public class Main //Main class to test both cases
{
    public static void main(String[] args)
    {
        // TODO Auto-generated method stub
        Employee employee = new Employee();
        employee.displayEmployee();
        System.out.println("-----");

        Manager manager = new Manager();
        manager.displayManager();
        System.out.println("-----");

        Admin admin = new Admin();
        admin.displayAdmin();
        System.out.println("-----");

        Department department = new Department();
        department.displayDepartment();
        System.out.println("-----");

        Project project = new Project();
        project.displayProject();
        System.out.println("-----");
    }
}

```