**ASSIGNMENT 3: PACKAGES**

**1 .Write a prgm to create two packages employee and department. And under employee package create class like Employee, Manager, Admin. Under department package create class by name Department and project. Create Main Class to test the above classes.**

**package** employee;

**public** **class** Employee { //class

**public** **int** id;

**public** String name;

**public** Employee(**int** id,String name)

**this**.id=id;

**this**.name=name;

}

**public** **int** getId()

{

**return** id;

}

**public** String getName() {

**return** name;

}

}

**package** employee;

**public** **class** Manager { //class

**public** String Managername;

**public** Manager(String Managername)

{

**this**.Managername=Managername;

}

**public** String getManagername()

{

**return** Managername;

}

}

**package** employee;

**public** **class** Admin {

**public** String adminname;

**public** Admin(String adminname)

{

**this**.adminname=adminname;

}

**public** String getAdminname()

{

**return** adminname;

}

}

**package** department; //package department

**public** **class** Department1 {

**public** String dept;

**public** Department1(String dept)

{

**this**.dept=dept;

}

**public** String getDepartment()

{

**return** dept;

}

}

**package** department;

**public** **class** Project {

**public** String projectname;

**public** Project(String projectname)

{

**this**.projectname=projectname;

}

**public** String getProjectname()

{

**return** projectname;

}

}

//main package

**package** Companydetails;

**import** employee.Employee;

**import** employee.Manager;

**import** employee.Admin;

**import** department.Department1;

**import** department.Project;

**public** **class** company{

**public** **static** **void** main(String[] args) {

System.***out***.println(" Employee Details ");

Employee e=**new** Employee(101,"nick");

System.***out***.println("EMPLOYEE ID = " +e.getId()+" "+"employee name ="+e.getName());

Manager m=**new** Manager("jhon");

System.***out***.println("MANAGER NAME = " +m.getManagername());

Admin a=**new** Admin("sam");

System.***out***.println("ADMIN NAME ="+a.getAdminname());

Department1 d=**new** Department1("programming");

System.***out***.println("DEPARTMENT = " +d.getDepartment());

Project p=**new** Project("java project");

System.***out***.println("PROJECT = "+p.getProjectname());

}

}

**Output:**

Employee Details

EMPLOYEE ID = 101 employee name =nick

MANAGER NAME = jhon

ADMIN NAME =sam

DEPARTMENT = programming

PROJECT = java project

**2 .Program to check how many college object created**

**public** **class** college {

String clgname;

String clgplace;

**static** **int** *count*;

**static** //ststic block

{

*count*=0;

}

college(String clgname,String clgplace)//constructor

{

*count*++;//1

**this**.clgname=clgname;

**this**.clgplace=clgplace;

System.***out***.println(clgname+" "+clgplace);

}

**public** **int** getCount()//method

{

**return** *count*;

}

**public** **static** **void** main(String[] args) {

college c=**new** college("nsam","nitte");//parameterized constructor

System.***out***.println(c.getCount());

}

}

**Output:**

nsam nitte

1