**//Main Method;**

package studentrun;

public class StudentRun {

public static void main(String[] args) {

UnderGraduate ug = new UnderGraduate("Onyebuchi Anastacia.U", "690046229GA", 23,

"Computer Science", "Computer Science", "NUC", 4, "Physical Science" , "200Level");

PostGraduate pg = new PostGraduate("Adejube faith", "CSC/MSC/4324", "Computer Science",

"Cloud Computing", "MSC", "Physical Science", 25, 18 );

System.out.println(" UNDERGRADUATE DETAILS");

System.out.println( ug.toString());

System.out.println("\n");

System.out.println(" POSTGRADUATE DETAILS");

System.out.println(pg.toString());

}

}

**//Sub Method Under Graduate;**

package studentrun;

public class UnderGraduate extends Student{

private String MatNo;

private String Level;

private int Duration;

public UnderGraduate(String name, String MatNo, int age , String dept, String unit,String progT, int Duration,

String faculty, String Level ){

super(name, dept,unit, progT, faculty , age, Duration);

this.MatNo = MatNo;

this.Level = Level;

this.Duration = Duration;

}

public String get\_MatNo(){

return MatNo;

}

public String get\_Level(){

return Level;

}

@Override

public String toString(){

return String.format("Name: %s \nMatric No: %s \nAge: %d years \nDepartment: %s "

+ "(%s unit) \nProgramme Type: %s \nDuration of Study: %d years"

+ "\nFaculty: %s \nLevel: %s ", get\_name(),

get\_MatNo(), get\_age(), get\_dept(), get\_unit(),

get\_progT(), get\_duration(), get\_faculty(), get\_Level());

}

}

**//Sub Method** **Post Graduate;**

package studentrun;

public class PostGraduate extends Student{

private String pgNo;

public PostGraduate(String name, String pgNo, String dept, String unit,

String faculty, String progT, int age, int duration){

super(name, dept,unit, faculty, progT, age, duration);

this.pgNo = pgNo;

}

public String get\_pgNo(){

return pgNo;

}

@Override

public String toString(){

return String.format("Name: %s \nPG No.: %s \nDepartment: %s (%s Unit) \nFaculty: %s \nProgramme Type: %s "

+ "\nAge: %d Years \nDuration of Study: %d Months", get\_name(), get\_pgNo(), get\_dept(), get\_unit(),

get\_faculty(), get\_progT(), get\_age(), get\_duration());

}

}

**//Sub Method** **Student Run;**

package studentrun;

public class Student {

private String Name;

private String Dept;

private String ProgT;

private String Faculty;

private int Age;

private int Duration;

private String Unit;

public Student(){

}

public Student(String name,String dept, String unit, String progt, String fac, int age, int dura){

Name = name;

Dept = dept;

Unit = unit;

ProgT = progt;

Faculty = fac;

Age = age;

Duration = dura;

}

public String get\_name(){

return Name;

}

public String get\_dept(){

return Dept;

}

public String get\_unit(){

return Unit;

}

public String get\_progT(){

return ProgT;

}

public String get\_faculty(){

return Faculty;

}

public int get\_age(){

return Age;

}

public int get\_duration(){

return Duration;

}

}

**Out Put**

