**Task 2 StudentGradeCalculator**

**package** Intern;

**import** java.util.Scanner;

**public** **class** StudentGradeCalculator {

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

Scanner sc= **new** Scanner(System.***in***);

**int** Sub1, Sub2,Sub3,Sub4,Sub5;

System.***out***.println("Enter the marks for Java Programming : ");

Sub1=sc.nextInt();

System.***out***.println("Enter the marks for Network Seecurity : ");

Sub2=sc.nextInt();

System.***out***.println("Enter the marks for Python Programming : ");

Sub3=sc.nextInt();

System.***out***.println("Enter the marks for Analysis of Algorithms : ");

Sub4=sc.nextInt();

System.***out***.println("Enter the marks for Discrete Maths : ");

Sub5=sc.nextInt();

**int** sum= Sub1+Sub2+Sub3+Sub4+Sub5;

**float** AvgMarks=(sum/5);

System.***out***.println("Total Marks="+sum);

System.***out***.println("Average percentage="+AvgMarks);

**if**(AvgMarks>=85) {

System.***out***.println("Grade : O ");

}

**else** **if**(AvgMarks<85 || AvgMarks>=75) {

System.***out***.println("Grade : A+ ");

}

**else** **if**(AvgMarks<75 || AvgMarks>=65) {

System.***out***.println("Grade : A ");

}

**else** **if**(AvgMarks<65 || AvgMarks>=55) {

System.***out***.println("Grade : B+ ");

}

**else** **if**(AvgMarks<55 || AvgMarks>=50) {

System.***out***.println("Grade : B ");

}

**else** **if**(AvgMarks<50 || AvgMarks>=45) {

System.***out***.println("Grade : C ");

}

**else** **if**(AvgMarks<45 || AvgMarks>=40) {

System.***out***.println("Grade : P ");

}

**else** **if**(AvgMarks<40) {

System.***out***.println("Grade : F ");

}

}

}