TASK 2 – STUDENT GRADE CALCULATOR

**package** javaintern;

**import** java.util.Scanner;

**public** **class** Marks {

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

**int** n1, s1, s2, s3, s4, total, avg;

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

System.***out***.println("Enter total number of subjects:");

n1 = ip.nextInt();

System.***out***.println("Enter marks in Software Engineering:");

s1 = ip.nextInt();

**if**(s1 < 1 || s1 > 100) {

System.***out***.println("Please enter marks between 1 and 100.");

**return**;

}

System.***out***.println("Enter marks in Artificial Intelligence:");

s2 = ip.nextInt();

**if**(s2 < 1 || s2 > 100) {

System.***out***.println("Please enter marks between 1 and 100.");

**return**;

}

System.***out***.println("Enter marks in Cloud Computing:");

s3 = ip.nextInt();

**if**(s3 < 1 || s3 > 100) {

System.***out***.println("Please enter marks between 1 and 100.");

**return**;

}

System.***out***.println("Enter marks in Java:");

s4 = ip.nextInt();

**if**(s4 < 1 || s4 > 100) {

System.***out***.println("Please enter marks between 1 and 100.");

**return**;

}

total = s1 + s2 + s3 + s4;

System.***out***.println("The sum of marks obtained in all subjects is: " + total);

avg = total / n1;

System.***out***.println("The average percentage is: " + avg + "%");

**if** (avg > 85) {

System.***out***.println("Grade is 'O'");

} **else** **if** (avg >= 70) {

System.***out***.println("Grade is 'A'");

} **else** **if** (avg >= 50) {

System.***out***.println("Grade is 'B'");

} **else** **if** (avg >= 30) {

System.***out***.println("Grade is 'C'");

} **else** {

System.***out***.println("Fail");

}

ip.close();

}

}