TASK 2:-STUDENT GRADE CALCULATOT:-

import java.util.Scanner;

public class GradeCalculator {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

System.out.print("Enter the number of subjects: ");

int numSubjects = scanner.nextInt();

int[] marks = new int[numSubjects];

for (int i = 0; i < numSubjects; i++) {

System.out.print("Enter marks for subject " + (i + 1) + ": ");

marks[i] = scanner.nextInt();

}

int totalMarks = 0;

for (int mark : marks) {

totalMarks += mark;

}

double averagePercentage = (double) totalMarks / numSubjects;

char grade;

if (averagePercentage >= 90) {

grade = 'A';

} else if (averagePercentage >= 80) {

grade = 'B';

} else if (averagePercentage >= 70) {

grade = 'C';

} else if (averagePercentage >= 60) {

grade = 'D';

} else {

grade = 'F';

}

System.out.println("Total Marks: " + totalMarks);

System.out.println("Average Percentage: " + averagePercentage + "%");

System.out.println("Grade: " + grade);

scanner.close();

}

}

OUTPUT:-

Enter the number of subjects: 6

Enter marks for subject 1: 54

Enter marks for subject 2: 87

Enter marks for subject 3: 98

Enter marks for subject 4: 65

Enter marks for subject 5: 78

Enter marks for subject 6: 86

Total Marks: 468

Average Percentage: 78.0%

Grade: C