TASK 2 - STUDENT GRADE CALCULATOR

import java.util.Scanner;

public class Main {

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];

int totalMarks = 0;

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

System.out.print("Enter marks for subject " + (i + 1) + " out of 100 : ");

marks[i] = scanner.nextInt();

while (marks[i] < 0 || marks[i] > 100) {

System.out.print("Invalid marks! Please enter marks between 0 and 100: ");

marks[i] = scanner.nextInt();

}

totalMarks += marks[i];

}

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("Student Report ");

System.out.println("----------------------");

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

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

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

scanner.close();

}

}