TASK -2

```java
package tasks2;

import java.util.Scanner;

public class StudentGrade {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

// Number of subjects

int numSubjects;

// Input the number of subjects

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

numSubjects = scanner.nextInt();

// Array to store marks for each subject

int[] marks = new int[numSubjects];

// Input marks for each subject

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

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

marks[i] = scanner.nextInt();

}

// Calculate total marks

int totalMarks = 0;

for (int mark : marks) {

totalMarks += mark;

}

// Calculate average percentage

double averagePercentage = (double) totalMarks / numSubjects;

// Determine grade

char grade;

if (averagePercentage >= 90) {

grade = 'A';

} else if (averagePercentage >= 80) {
```

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grade = 'B';

} else if (averagePercentage >= 70) {

grade = 'C';

} else if (averagePercentage >= 60) {

grade = 'D';

} else {

grade = 'F';

}

// Display results

System.out.println("\nResults:");

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

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

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

// Close the scanner

scanner.close();

}

}
```

Screen shot: