TASK 2) STUDENT GRADE CALCULATOR

```java
import java.util.Scanner;
public class MarksCalculator {
public static void main(String[] args) {
Scanner input = new Scanner(System.in);
System.out.print("Enter number of subjects: ");
int numSubjects = input.nextInt();
int totalMarks = 0;
for (int i = 1; i <= numSubjects; i++) {
System.out.print("Enter marks for subject " + i + " (out of 100): ");
int marks = input.nextInt()
while (marks < 0 || marks > 100) {
System.out.print("Invalid marks. Enter again for subject " + i + ": ");
marks = input.nextInt();
}
totalMarks += marks;
}
double average = (double) totalMarks / numSubjects;
String grade;
if (average >= 90) {
grade = "A+";
} else if (average >= 80) {
grade = "A";
} else if (average >= 70) {
grade = "B";
} else if (average >= 60) {
grade = "C";
} else if (average >= 50) {
grade = "D";
} else {
grade = "F";
}
```

```
System.out.println("\n📊 Result:");
System.out.println("Total Marks: " + totalMarks);
System.out.println("Average Percentage: " + average + "%");
System.out.println("Grade: " + grade);
input.close();
}
}
```

OUTPUT:-

```
C:\1348>javac MarksCalculator.java

C:\1348>java MarksCalculator
Enter number of subjects: 4
Enter marks for subject 1 (out of 100): 98
Enter marks for subject 2 (out of 100): 89
Enter marks for subject 3 (out of 100): 87
Enter marks for subject 4 (out of 100): 88

? Result:
Total Marks: 362
Average Percentage: 90.5%
Grade: A+
```