

```
1 package codsoft;
2 import java.util.Scanner;
3
4 public class TASK2 {
5
6     public static void main(String[] args) {
7         Scanner sc = new Scanner(System.in);
8         System.out.println("Enter the number of subjects: ");
9         int nosub = sc.nextInt();
10        if(nosub <= 0) {
11            System.out.println("Invalid num of subjects . please enter a positive integer.");
12            return;
13        }
14        int totalmark =0;
15        System.out.println("Enter marks obtained for each subject(out of 100):");
16        for(int i =1;i<=nosub;i++) {
17            System.out.print("Subject "+i+" marks: ");
18            int marks = sc.nextInt();
19            if(marks<0 || marks>100) {
20                System.out.println("Invalid marks entered.Marks should be between 0 and 100.");
21                return;
22            }
23            totalmark += marks;
24        }
25        double avgper = (double)totalmark/nosub;
26        System.out.println("TOTAL MARKS : "+totalmark);
27        System.out.println("AVERAGE PERCENTAGE : "+avgper);
28        char gr;
29        if(avgper >= 90) {
30            gr = 'A';
31        }else if(avgper >= 80) {
32            gr = 'B';
33        }else if(avgper >= 70) {
34            gr = 'C';
35        }else if(avgper >= 60) {
36            gr = 'D';
37        }else {
38            gr = 'F';
39        }
40        System.out.println("Grade : "+gr);
41        sc.close();
42    }
43
44 }
45
```