```java
 1 import java.util.Scanner;
 2
 3 public class Main{
 4     public static void main(String[] args) {
 5         Scanner scanner = new Scanner(System.in);
 6
 7         //entering number of subjects
 8         System.out.println("Enter the number of
   subject:");
 9         int numSubjects = scanner.nextInt();
10
11         //initialising array of marks
12         int[] marks = new int[numSubjects];
13         int totalMarks = 0;
14
15         for (int i = 0; i < numSubjects; i++) {
16             System.out.println("Enter the marks
   obtained in subject" + (i + 1) + "(out of 100):");
17             marks[i] = scanner.nextInt();
18             totalMarks += marks[i];
19         }
20         //calculating average percentage
21         double averagePercentage = (double)
   totalMarks / numSubjects;
22
23         //determining grade
24         String grade;
25         if (averagePercentage >= 90) {
26             grade = "A";
27         } else if (averagePercentage >= 80) {
28             grade = "B";
29         } else if (averagePercentage >= 70) {
30             grade = "c";
31         } else if (averagePercentage >= 60) {
32             grade = "D";
33         } else {
34             grade = "F";
35         }
36
37         //Displaying the result
38         System.out.println("Total Marks:" +
```

```java
38 totalMarks);
39
40         System.out.println("Average Percentage:" +
   averagePercentage);
41
42         System.out.println("Grade:" + grade);
43
44             scanner.close();
45     }
46 }
```