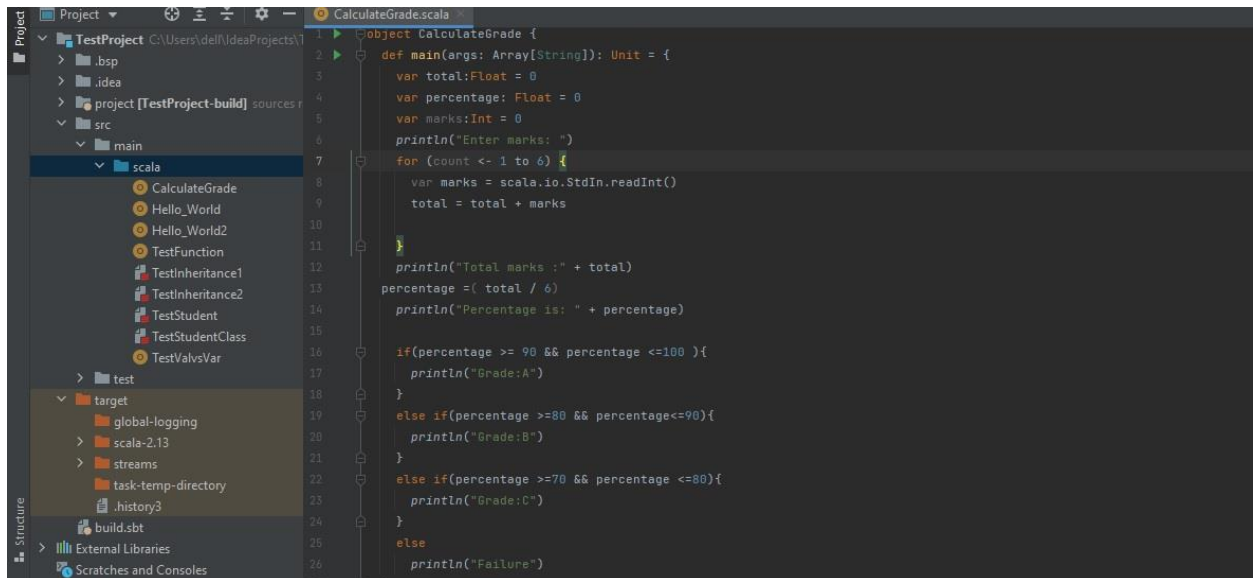


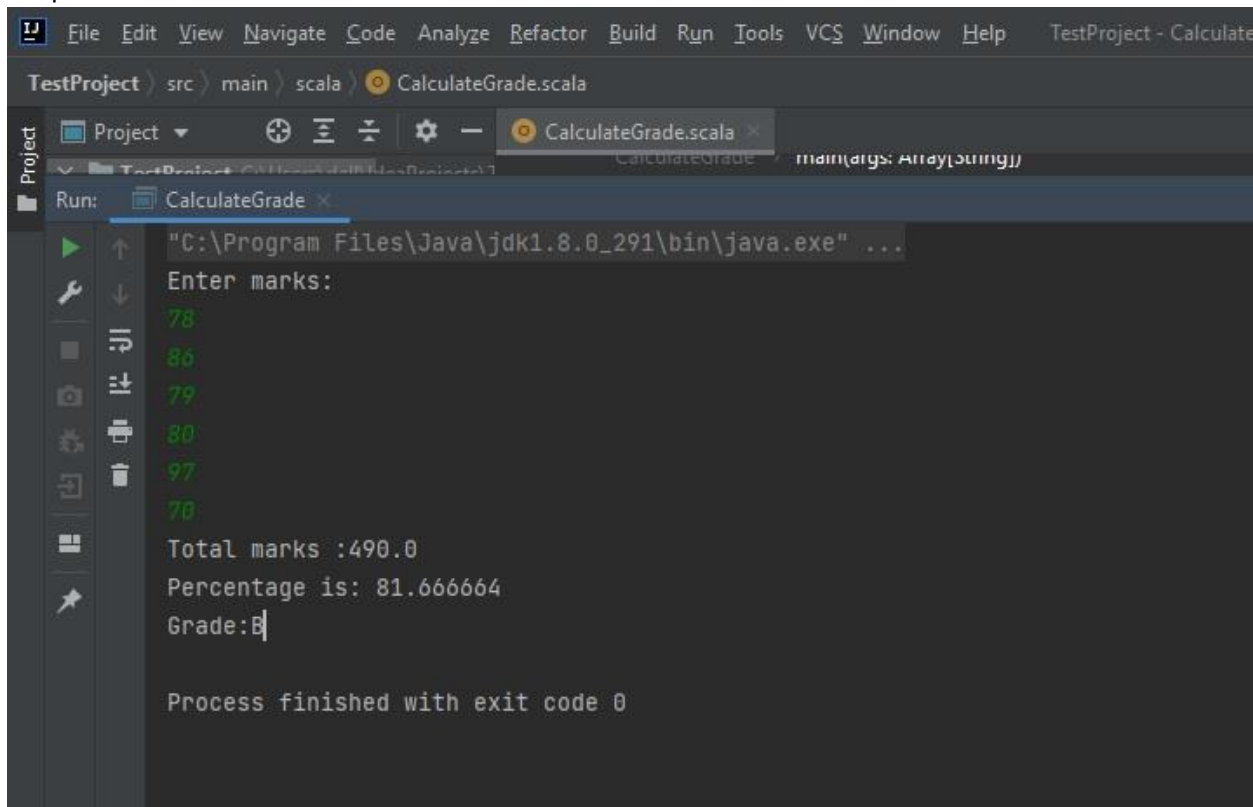
1. WAP to calculate student grade based on below rules

- a. 90 to 100 -> Grade A
- b. 80 to 90 -> Grade B
- c. 70 to 80 -> Grade C
- d. Failure.



```
1 object CalculateGrade {
2   def main(args: Array[String]): Unit = {
3     var total:Float = 0
4     var percentage: Float = 0
5     var marks:Int = 0
6     println("Enter marks: ")
7     for (count <- 1 to 6) {
8       var marks = scala.io.StdIn.readInt()
9       total = total + marks
10    }
11    println("Total marks : " + total)
12    percentage =( total / 6)
13    println("Percentage is: " + percentage)
14
15    if(percentage >= 90 && percentage <=100){
16      println("Grade:A")
17    }
18    else if(percentage >=80 && percentage<=90){
19      println("Grade:B")
20    }
21    else if(percentage >=70 && percentage <=80){
22      println("Grade:C")
23    }
24    else
25      println("Failure")
26  }
```

Output:



```
TestProject - CalculateGrade
TestProject > src > main > scala > CalculateGrade.scala
Run: CalculateGrade
"C:\Program Files\Java\jdk1.8.0_291\bin\java.exe" ...
Enter marks:
78
86
79
80
97
70
Total marks :490.0
Percentage is: 81.666664
Grade:B
Process finished with exit code 0
```