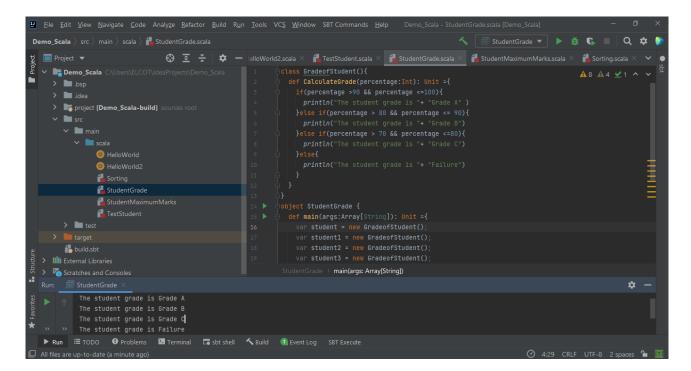
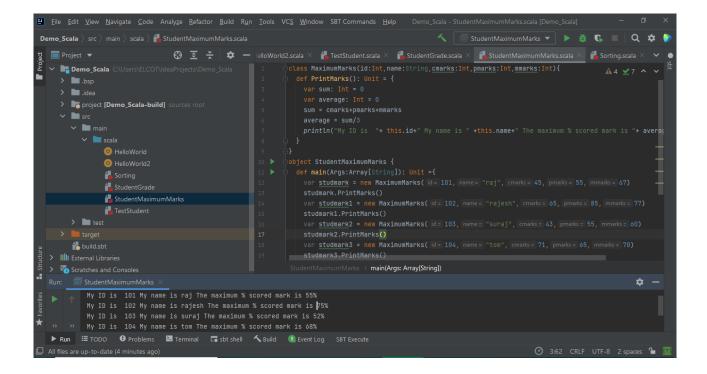
## Scala

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.



- 2. WAP to calculate maximum % scored student report from below data.
- {id:101,name:raj,cmarks:45,pmarks:55,mmarks:67}
- {id:102,name:rajesh,cmarks:65,pmarks:85,mmarks:77}
- {id:103,name:suraj,cmarks:43,pmarks:55,mmarks:60}
- {id:104,name:tom,cmarks:71,pmarks:65,mmarks:70}



3. WAP to perform sorting of below data based on id and name(create class, object and a method for sorting in util class)

{id:101,name:raj}

{id:121,name:rajesh}

{id:130,name:suraj}

{id:114,name:tom}

```
Pile Edit View Navigate Code Analyze Refactor Build Run Iools VCS Window SBT Commands Help
                                                                                                                                                          Sorting 🔻 🕨 🇯 🕠 🔲 🔍 🜣 🥊
Demo_Scala > src > main > scala > ♣ Sorting.scala
                                          ⊕ ₹ |
                                                                                                                                              指 StudentMaximumMarks.scala × 🔒 Sorting.scala × 🔻 🌘
  V 📴 Demo_Scala (
     > 🔳 .bsp
                                                                                object Sorting {
      > 🖿 .idea
                                                                                         var studentone = Person(101, "raj")
var studenttwo = Person(121, "rajesh")
                                                                                         val studentfour = Person(1130, solg) /
var studentfour = Person(114, "tom")
val merge = List(studentone, studenttwo, studentthree, studentfour)
                    MelloWorld2
                    Corting
     > target
  > Consoles
              the orderwise id value is List(Person(101,raj), Person(114,tom), Person(121,rajesh), Person(130,suraj))
              the orderwise name value is List(Person(101,raj), Person(121,rajesh), Person(130,suraj), Person(114,tom))
             The result of id compared to another id is List(Person(101,raj), Person(114,tom), Person(121,rajesh), Person(130,suraj))
The result of name compared to another name is List(Person(101,raj), Person(121,rajesh), Person(130,suraj), Person(114,tom))
                                                                                                                                                                                          3:41
```