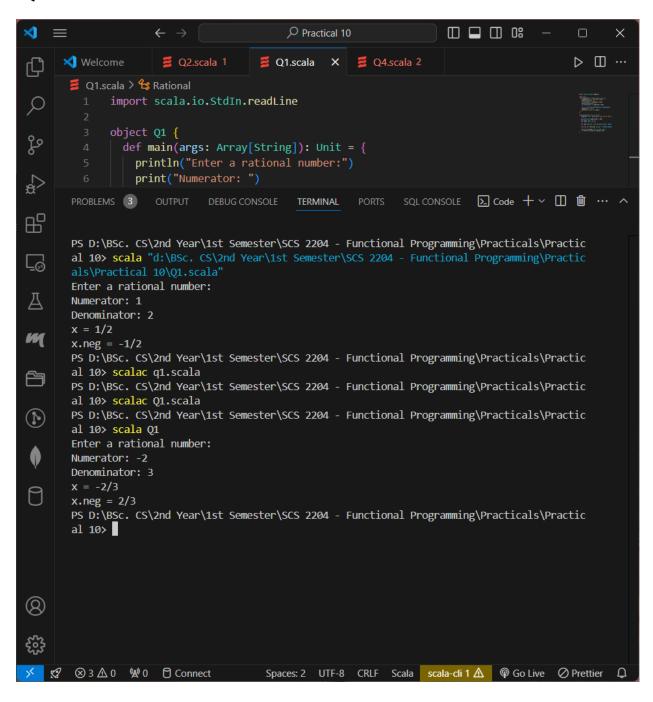
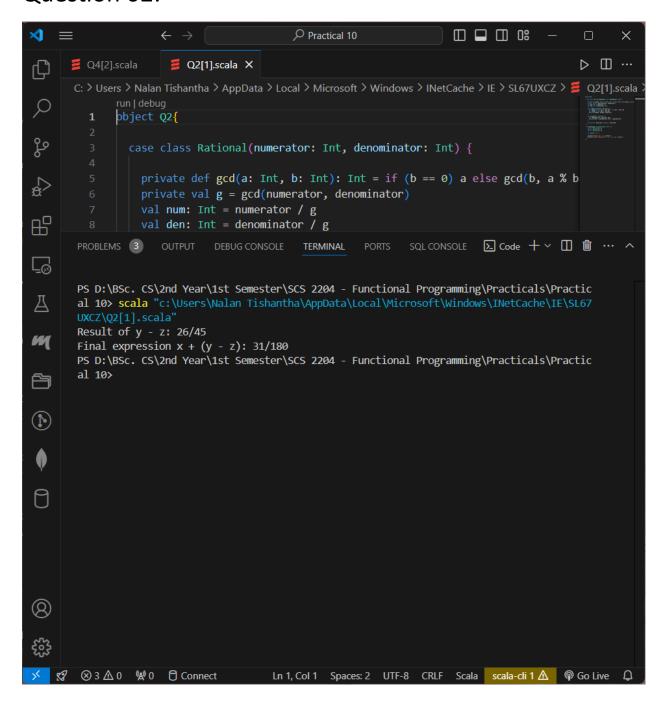
Functional Programming - Practical 10 2022/CS/109

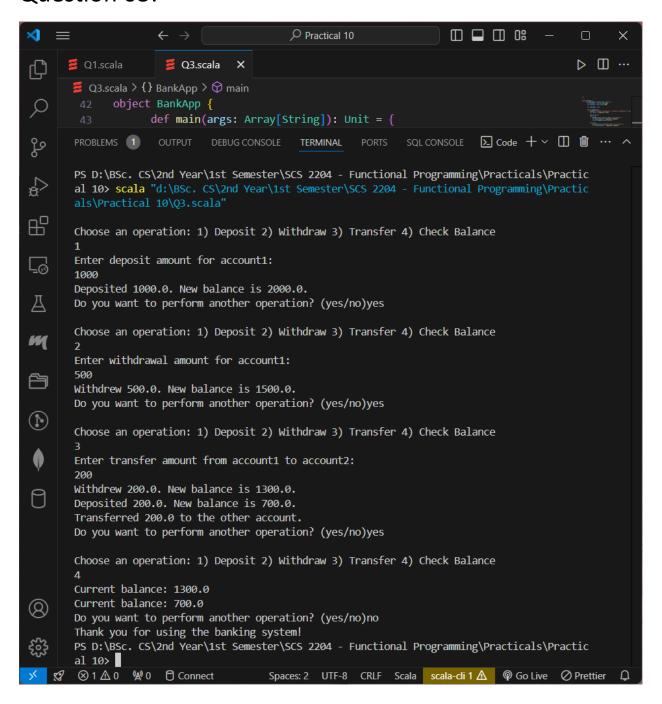
Question 01:



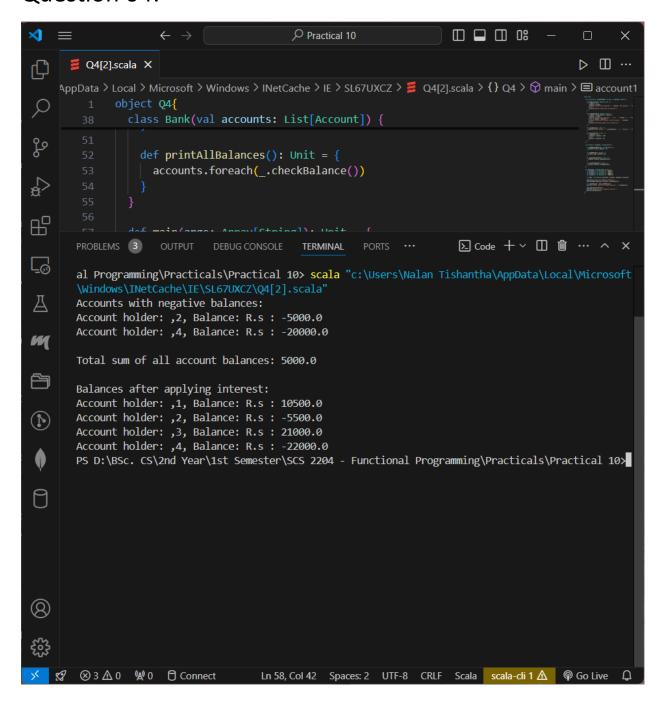
Question 02:



Question 03:



Question 04:



Question 05:

```
Practical 10
                                                                                                X
      Q1.scala
                      2 Q3.scala
                                      Q5.scala X
                                                                                          ▶ Ⅲ …
(C)
       Q5.scala > {} LetterCountApp > \( \Phi \) countLetterOccurrences
             object LetterCountApp {
               def countLetterOccurrences(words: List[String]): Int = {
وړ
                 val wordLengths = words.map(word => word.length)
                 val totalLetterCount = wordLengths.reduce((a, b) => a + b)
                 totalLetterCount
ြု
               def main(args: Array[String]): Unit = {
                 val words = List("apple", "banana", "cherry", "date")
                 val total = countLetterOccurrences(words)
                 println(s"Total count of letter occurrences: $total")
(<u>1</u>)
       PROBLEMS 1 OUTPUT
                                                             SQL CONSOLE ∑ Code + ∨ □ ··· ^
                                            TERMINAL
       PS D:\BSc. CS\2nd Year\1st Semester\SCS 2204 - Functional Programming\Practicals\Practic
       al 10> scala "d:\BSc. CS\2nd Year\1st Semester\SCS 2204 - Functional Programming\Practic
       als\Practical 10\Q5.scala"
       Total count of letter occurrences: 21
       PS D:\BSc. CS\2nd Year\1st Semester\SCS 2204 - Functional Programming\Practicals\Practic
       al 10>
(8)
У 💋 ⊗1 🛕 0 😭 0 🖯 Connect
                                       Spaces: 2 UTF-8 CRLF Scala scala-cli 1 ⚠ P Go Live Prettier Q
```