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Index: 22002197

Scala SCS 2204

Functional Programming

Scala Tutorial – 10

```
PS C:\Users\User\Desktop\Year 2\Sem 1\FP\Labsheets\22002197> scala q1_2.scala
.................Question 01...................

Rational number r1: 3/4
Negation of r1: -3/4

.................Question 02...................

Result: 23/56
PS C:\Users\User\Desktop\Year 2\Sem 1\FP\Labsheets\22002197> scala q3_4.scala
.................Question 03...................

Initial Balance of account1: Balance: 1000.0
Initial Balance of account2: Balance: 500.0
Balance of account1 after deposit: Balance: 1200.0
Balance of account2 after withdrawal: Balance: 400.0
Balance of account1 after transfer: Balance: 900.0
Balance of account2 after receiving transfer: Balance: 700.0
Insufficient funds for transfer
.................Question 04...................

Bank accounts with negative balances: Balance: -450.0
Sum of all balances: 6150.0
Applying interest:
Account 1: Balance: 945.0
Account 2: Balance: 735.0
Account 3: Balance: 5250.0
Account 4: Balance: -495.0
PS C:\Users\User\Desktop\Year 2\Sem 1\FP\Labsheets\22002197> scala q5.scala
.................Question 05...................

Total count of letter occurrences: 21
PS C:\Users\User\Desktop\Year 2\Sem 1\FP\Labsheets\22002197>
```