

Q1

```
PS C:\Users\lisit\OneDrive\Desktop\sem1\Scala\SCS2204-Functional-Programming\lab_sub_10> scala .\q1.scala
Original Rational Number: 3/4
Negated Rational Number: -3/4
```

Q2

```
PS C:\Users\lisit\OneDrive\Desktop\sem1\Scala\SCS2204-Functional-Programming\lab_sub_10> scala .\q2.scala
Original Rational Number y: 5/8
Original Rational Number z: 2/7
Result of x = y - z: 19/56
```

Q3

```
PS C:\Users\lisit\OneDrive\Desktop\sem1\Scala\SCS2204-Functional-Programming\lab_sub_10> scala .\q3.scala
Account Number: 0073516329, Balance: $100000.0
Account Number: 80012745178, Balance: $50000.0
Deposited $2000.0 into account 0073516329. New balance: $102000.0
Withdrew $1500.0 from account 0073516329. New balance: $100500.0
Withdrew $3000.0 from account 0073516329. New balance: $97500.0
Deposited $3000.0 into account 80012745178. New balance: $53000.0
Transferred $3000.0 from account 0073516329 to account 80012745178.
Final Account States:
Account Number: 0073516329, Balance: $97500.0
Account Number: 80012745178, Balance: $53000.0
```

Q4

```
PS C:\Users\lisit\OneDrive\Desktop\sem1\Scala\SCS2204-Functional-Programming\lab_sub_10> scala .\q4.scala
Total count of letter occurrences: 21
```

Q5

```
PS C:\Users\lisit\OneDrive\Desktop\sem1\Scala\SCS2204-Functional-Programming\lab_sub_10> scala .\q5.scala
Total count of letter occurrences: 21
PS C:\Users\lisit\OneDrive\Desktop\sem1\Scala\SCS2204-Functional-Programming\lab_sub_10> |
```