

Scala SCS 2204
Functional Programming
Scala Tutorial – 10

Git Link: <https://github.com/prvnX/FP10.git>

01)

```
praveenmadushan@Praveens-MacBook-Air Scala Practical 10 % scala neg
5/8
After negation: -5/8
```

02)

```
praveenmadushan@Praveens-MacBook-Air Scala Practical 10 % scala Sub
x=3/4,y=5/8,z=2/7 Answer of x-(y-z) = 23/56
praveenmadushan@Praveens-MacBook-Air Scala Practical 10 %
```

03)

```
praveenmadushan@Praveens-MacBook-Air Scala Practical 10 % scala account.scala
Deposited 1000.0 to account 10574242, new balance: 11000.0
Account 1 balance(after deposit): 11000.0
Withdrew $amount from account 10574242, new balance: $balance
Account 1 balance(after withdrawal): 9000.0
Account 1 balance(after transfer to account 2): -1050.0
Account 2 balance(after transfer ): 35050.0
praveenmadushan@Praveens-MacBook-Air Scala Practical 10 %
```

dy

Ln 28, Col 33

04)

```
praveenmadushan@Praveens-MacBook-Air Scala Practical 10 % scala bank
Accounts with negative balances: List(Account(A002,-200.0), Account(A004,-50.0))
Total balance of all accounts: 1250.0
Accounts after applying interest: List(Account(A001,525.0), Account(A002,-220.0), Account(A003,1050.0), Account(A004,-55.0))
praveenmadushan@Praveens-MacBook-Air Scala Practical 10 %
```

05)

```
Accounts after applying interest: List(Account(A001,525.0), Account(A002,-220.0),
praveenmadushan@Praveens-MacBook-Air Scala Practical 10 % scala len
Total count of letter occurrences : 21
```