## <u>Practical 03 – 22001212</u>

01)

```
[Running] scala "c:\Users\User\Desktop\UCSC\2nd Year Sem
emocleW
[Done] exited with code=0 in 7.166 seconds
```

```
[Running] scala "c:\Users\User\Desktop\UCSC\2nd Year Sem-01\SCS 2204 - Functional Prog
The initial list : List(Football, Cricket, Elle, Golf, Netball)
The strings that have a length greater than 5 : List(Football, Cricket, Netball)
[Done] exited with code=0 in 7.645 seconds
```

03)

```
$ 22001212_q3.scala > {} Demo2

1     def arithmeticMean(num1:Int,num2:Int):Float={
2         val average = (num1 + num2) / 2;
3         f"$average%.2f".toFloat;
4     }

5     object Demo2 {{
7         def main(args:Array[String]):Unit={
8             var n1=15;
9             var n2=17;
10             print("Arithmetic Mean of "+n1+ " and "+n2+ " = "+arithmeticMean(n1,n2));
11         }
12     }
```

```
[Running] scala "c:\Users\User\Desktop\UCSC\2nd Year
Arithmetic Mean of 15 and 17 = 16.0
[Done] exited with code=0 in 8.12 seconds
```

```
[Running] scala "c:\Users\User\Desktop\UCSC\2nd Year Sem-01\SCS 2204
Numbers in the list = List(15, 22, 27, 30, 48, 71)
The sum of all the even numbers in the list = 100
[Done] exited with code=0 in 7.156 seconds
```