

Functional Programming

22001255 – 2024/08/19

1. Interest Calculator

```
PS D:\Users\Minha\Scala\UCSC> scala interest.scala
Interest on Rs. 15000 deposit: 300.00
Interest on Rs. 50000 deposit: 2000.00
Interest on Rs. 100000 deposit: 35000.00
Interest on Rs. 250000 deposit: 162500.00
PS D:\Users\Minha\Scala\UCSC>
```

2. Pattern Matching

```
PS D:\Users\Minha\Scala\UCSC> scala patternMatching.scala
Please input an integer:
10
Even number is given
PS D:\Users\Minha\Scala\UCSC>
```

3. String Formatter

```
PS D:\Users\Minha\Scala\UCSC> scala stringFormatter.scala
BENNY
NIroshan
saman
KumarA
PS D:\Users\Minha\Scala\UCSC>
```