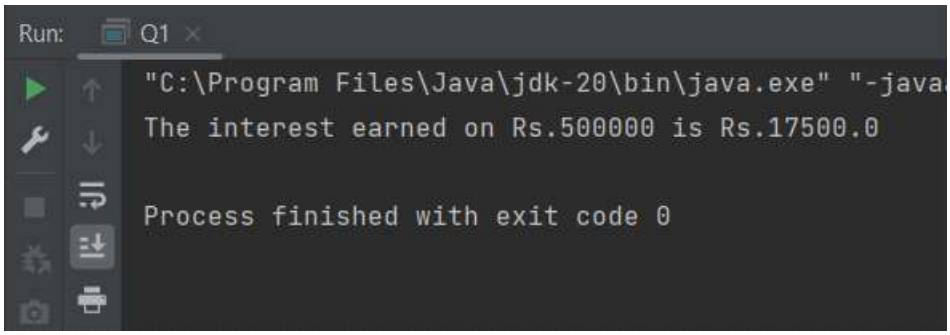
Q1:

Q1.txt

File Edit View

```
object Q1 {
  def calculate (deposite: Double) : Double = {
    val rate=
    if(deposite <= 20000)
      {
        0.02;
      }
    else if(deposite <= 200000)
      {
        0.04;
      }
    else
      {
        0.035;
      }

    deposite * rate ;
  }

  def main (args : Array [String]) : Unit = {
    val deposite = 500000;
    val interest = calculate(deposite);
    println (s"The interest earned on Rs.$deposite is Rs.$interest");
  }

}
```

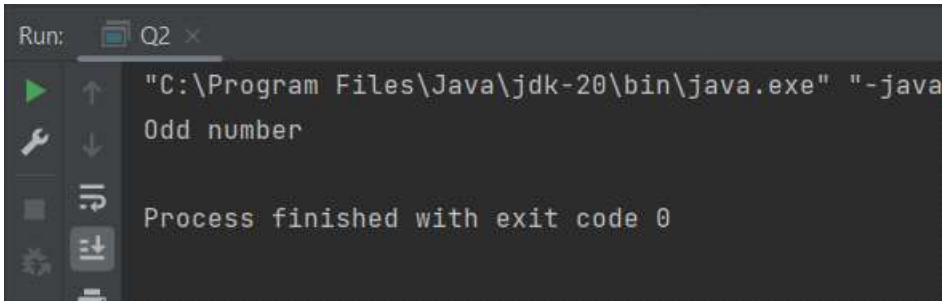


Q2:

Q2.txt

File Edit View

```
import scala.concurrent.duration.Duration.Zero

object Q2 {

    def calculate (integer: Int) : Unit= {

        if(integer <= 0)
        {
          println("Zero or negetive")
        }
        else if(integer % 2 == 0)
        {
          println("Even number")
        }
        else
        {
          println("Odd number")
        }
    }

    def main (args : Array [String]) : Unit = {
      val integer = 53
      val p= calculate(integer)

    }

}
```



Q3:

Q3.txt

File Edit View

```
object Q3 {

    def toUpper(str: String): String = {
      str.toUpperCase;
    }

    def toLower(str: String): String = {
      str.toLowerCase;
    }

    def formatNames(name: String)(formatFunc: String => String): String = {
      formatFunc(name)
    }

    def main(args: Array[String]): Unit = {
      val name = List("BENNEY", "Niroshan", "saman", "KumarA")

      for (name <- name) {
        var upperCaseName = formatNames(name)(toUpper)
        var lowerCaseName = formatNames(name)(toLower)

        println(upperCaseName);
        println(lowerCaseName);
      }
    }
}
```