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R.K.J.P.Kashmira

Scala Practical - 09

Q1

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   Q1.scala > {} interestCalc > ♡ main
   import scala.io.StdIn.readLine
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  nulldebug
object interestCalc {
    def main(args : Array[string]) : Unit = {
        val depositAmount = readLine("Please Enter a Deposit Amount : ").toDouble
        val interest: Double => Double = deposit => {
        if (deposit < 200000) {
            deposit * 0.02
        } else if (deposit < 2000000) {
            deposit * 0.04
        } else if (deposit < 2000000) {
            deposit * 0.035
        } else {
            deposit * 0.065
        }
}</pre>
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SCALA-PRACTICAL-09
                       > .bsp
> .metals
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                          > .vscode
  ☐ ☐ Q1.scala
                              ■ Q2.scala
                            ■ Q3.scala
                                                                                                                                                                                    val interestAmount = interest(depositAmount)
println(f"The interest earned for a deposit of LKR $depositAmount%.2f is LKR $interestAmount%.2f")
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                                                                                                                                    \Scala=Practical-09\()\(1.scala\)"

Please Enter a Deposit Amount : 2000000

The interest earned for a deposit of LKR 200000.000 is LKR 8000.000

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                                OPEN EDITORS
                                       X ■ Q2.scala
■ Q3.scala
                                                                                                                                                                                                   run|debug
object.NumClassifier {
    def main(args: Array[String]): Unit = {
        val input = readLine("Please Enter a Numbert : ").toInt
                                  > .scala-build
> .vscode
                                  Q3.scala

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Q3

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            ■ Q1.scala
■ Q2.scala
                                                  def toUpper(s: String): String = s.toUpperCase
      ∨ SCALA-PRACTICAL-09
                                                  def toLower(s: String): String = s.toLowerCase
                                                     formatFunc(name)
₽
                                                  def main(args: Array[String]): Unit = {
    println(formatNames("Benny")(toUpper))
    println(formatNames("Niroshan")(name => name.substring(0, 2).toUpperCase + name.substring(2).toLowerCase))
    println(formatNames("Saman")(toLower))
    println(formatNames("Kumara")(name => name.substring(0, 1).toUpperCase + name.substring(1, 5).toLowerCase + name.substring(5).toUpperCase))

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