Session 15

Assignment 2 Questions

ACADGILD

Problem Statement

3.Write a partial function to add three numbers in which one number is constant and two numbers can be passed as inputs and define another method which can take the partial function as input and squares the result.

```
scala> def add(a:Int,b:Int,c:Int) = a+b+c
add: (a: Int, b: Int, c: Int)Int

scala> val partial = add(5, _:Int,_:Int)
partial: (Int, Int) => Int = $$Lambda$1005/121153832@39a7eca5

scala> def squr(a:Int):Int={a*a}
squr: (a: Int)Int

scala> squr(partial(6,8))
res0: Int = 361

scala>
```

4.Write a program to print the prices of courses of Acadgild:
Android-12999,
Big Data Development-17999,
Spark-19999
using match and add a default condition if the user enters any other course.

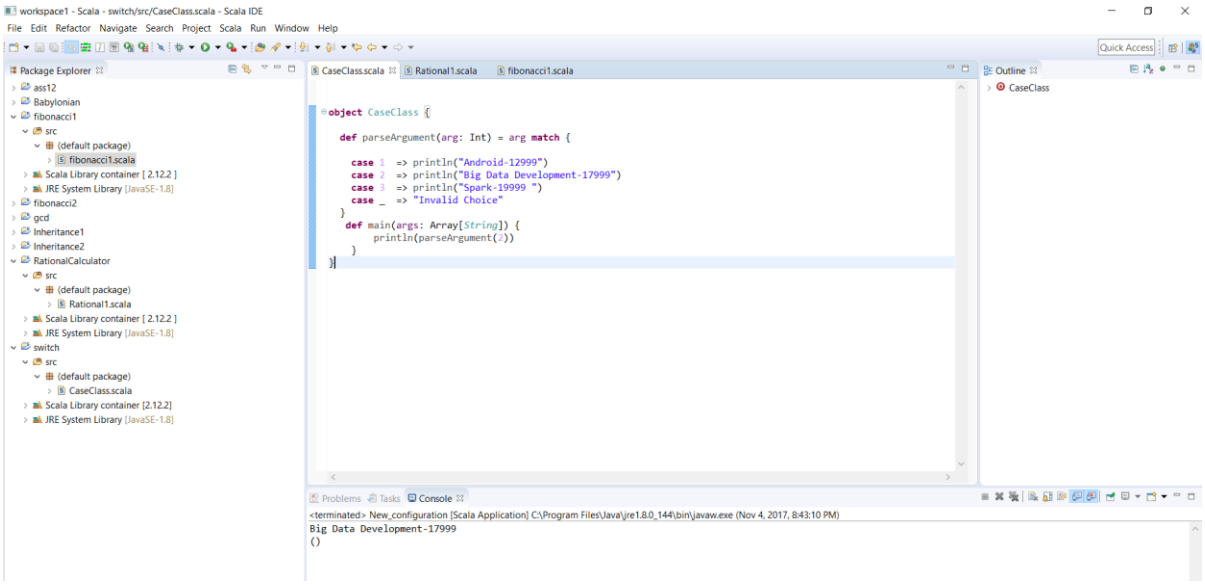
Program: -

```
object CaseClass {

  def parseArgument(arg: Int) = arg match {

    case 1  => println("Android-12999")
    case 2  => println("Big Data Development-17999")
    case 3  => println("Spark-19999 ")
    case _  => "Invalid Choice"
  }
   def main(args: Array[String]) {
        println(parseArgument(2))
    }
```

}


workspace1 - Scala - switch/src/CaseClass.scala - Scala IDE
File Edit Refactor Navigate Search Project Scala Run Window Help
Quick Access
Package Explorer
ass12
Babylonian
fibonacci1
src
(default package)
fibonacci1.scala
Scala Library container [2.12.2]
JRE System Library [JavaSE-1.8]
fibonacci2
gcd
Inheritance1
Inheritance2
RationalCalculator
src
(default package)
Rational1.scala
Scala Library container [2.12.2]
JRE System Library [JavaSE-1.8]
switch
src
(default package)
CaseClass.scala
Scala Library container [2.12.2]
JRE System Library [JavaSE-1.8]
CaseClass.scala
Rational1.scala
fibonacci1.scala
object CaseClass {
def parseArgument(arg: Int) = arg match {
case 1 => println("Android-12999")
case 2 => println("Big Data Development-17999")
case 3 => println("Spark-19999 ")
case _ => "Invalid Choice"
}
def main(args: Array[String]) {
println(parseArgument(2))
}
}
Outline
CaseClass
Problems
Tasks
Console
<terminated> New_configuration [Scala Application] C:\Program Files\Java\jre1.8.0_144\bin\javaw.exe (Nov 4, 2017, 8:43:10 PM)
Big Data Development-17999
()