1. 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.

class ProgramPartialFunc {

def squareFunc(n: Int) {

println("Square: " + n \* n)

}

def adder(m: Int, n: Int, p: Int) = m + n + p

def partialFunc(x:Int,y:Int) {

val add = adder( \_: Int,20, \_: Int) println("------------------------") println("Addition: "+add(x, y))

squareFunc(add(x, y))

println("------------------------")

}

}

object PartialFunc\_Task3 {

def main(args: Array[String]) {

println("Enter numbers")

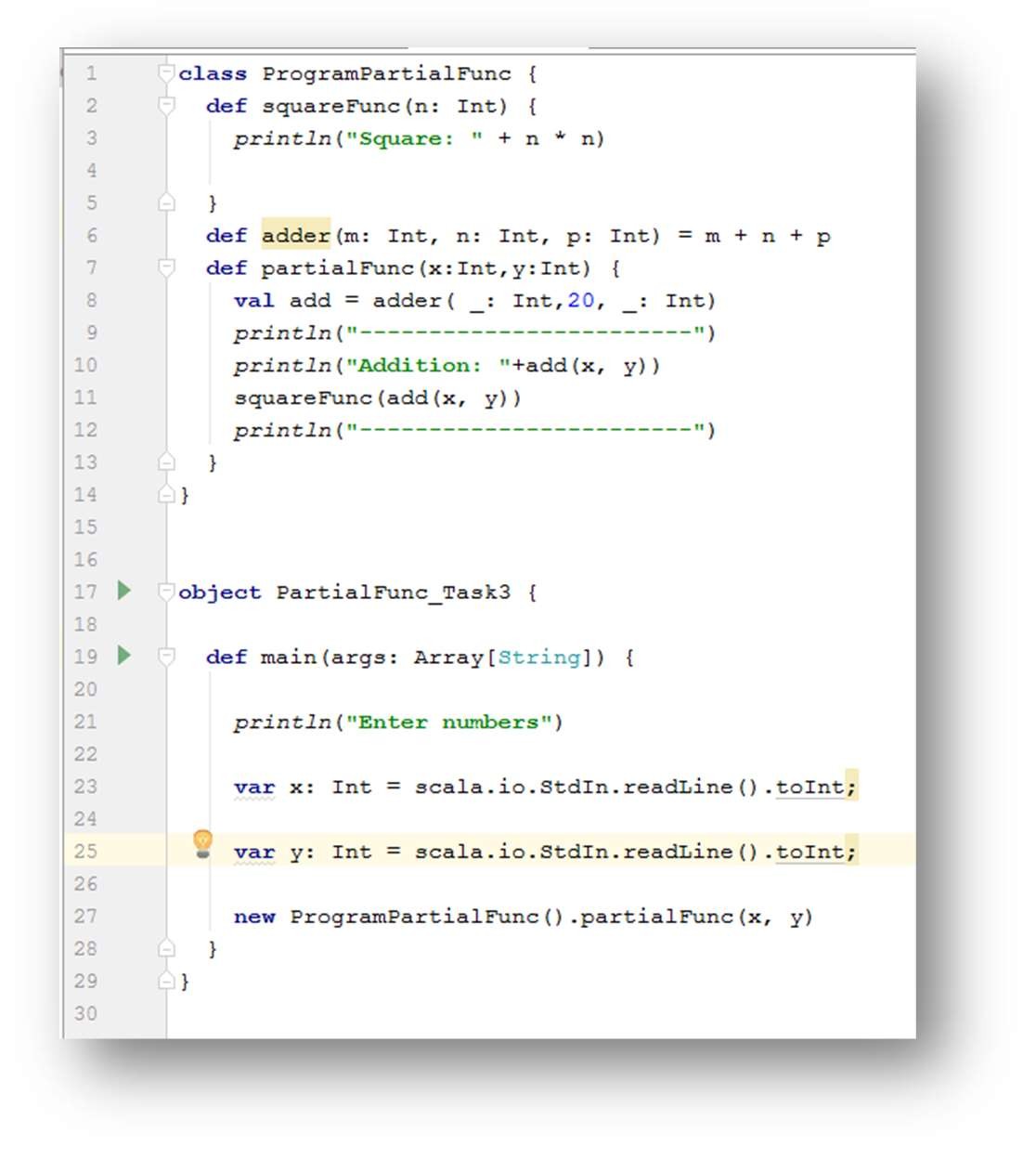
var x: Int = scala.io.StdIn.readLine().toInt;

var y: Int = scala.io.StdIn.readLine().toInt;

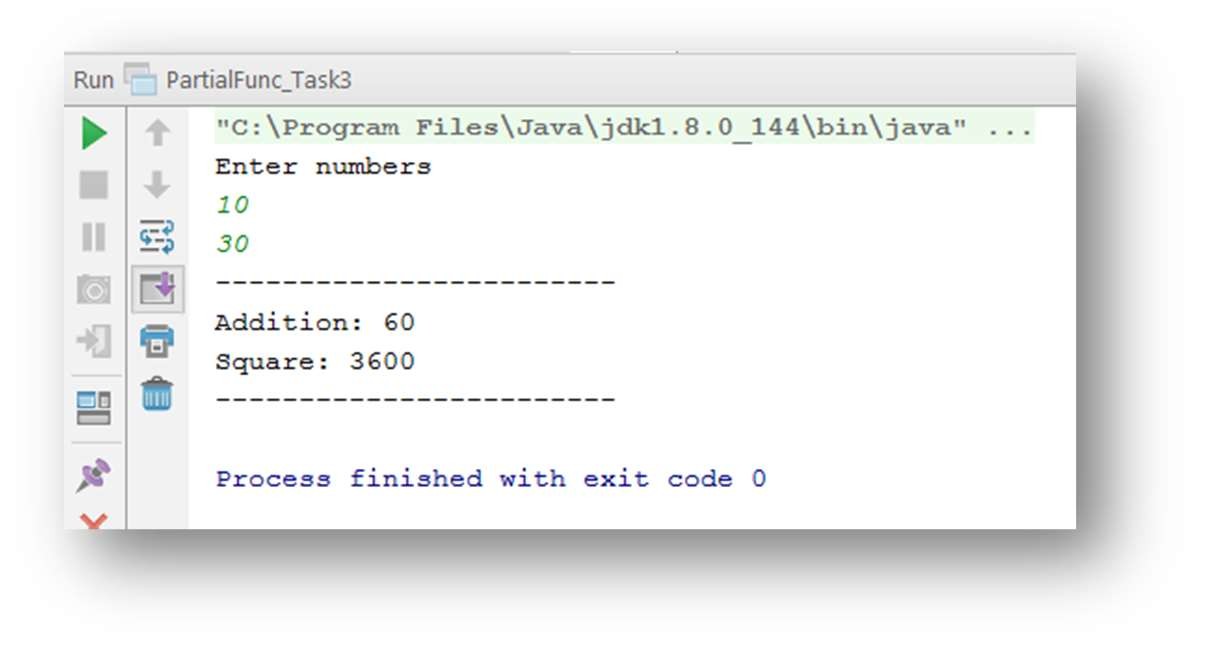
new ProgramPartialFunc().partialFunc(x, y)

}

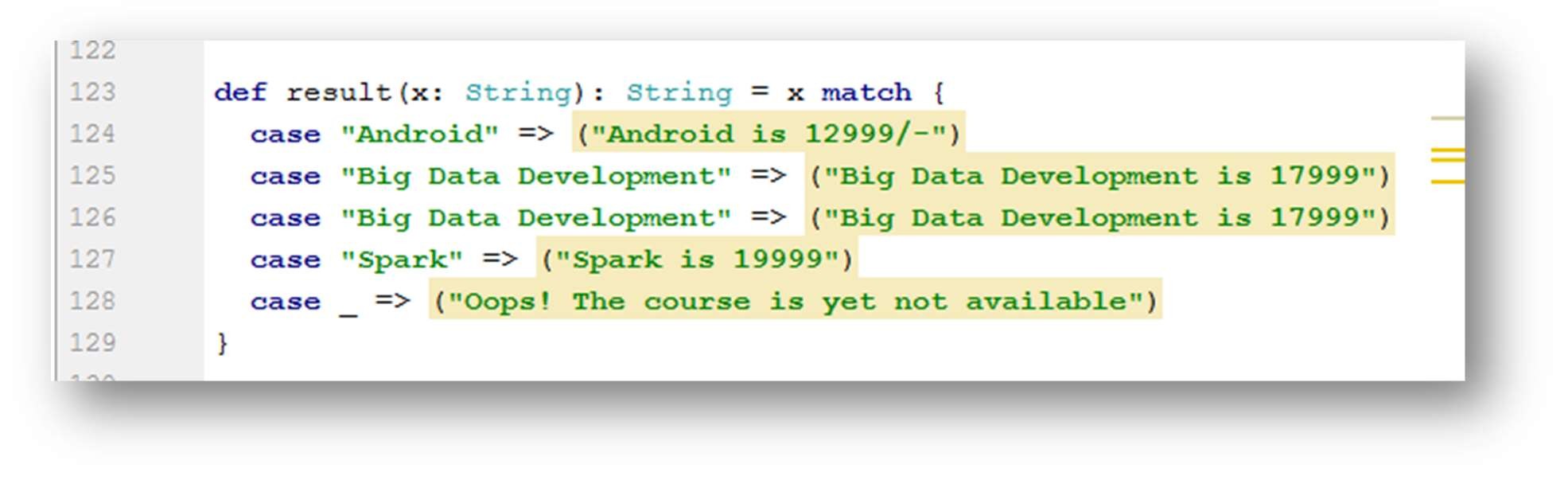
}



OUTPUT:



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



OUTPUT:

