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.

***package*** *firstpackage*

***class*** *partial{*

***def*** *sum(a:Int, b:Int, c:Int) = a + b + c*

***val*** *partialSum1ArgumentsProvided = sum(1, \_:Int, \_:Int)*

*//def sqareList(){*

***val*** *salaries = Seq(20000, 70000, 40000)*

***val*** *doubleSalary = (x: Int) => x \* 2*

***val*** *newSalaries = salaries.map(doubleSalary)*

*//println(newSalaries)*

*// }*

*}*

***object*** *MainObjectPartial{*

***def*** *main(args:Array[String]){*

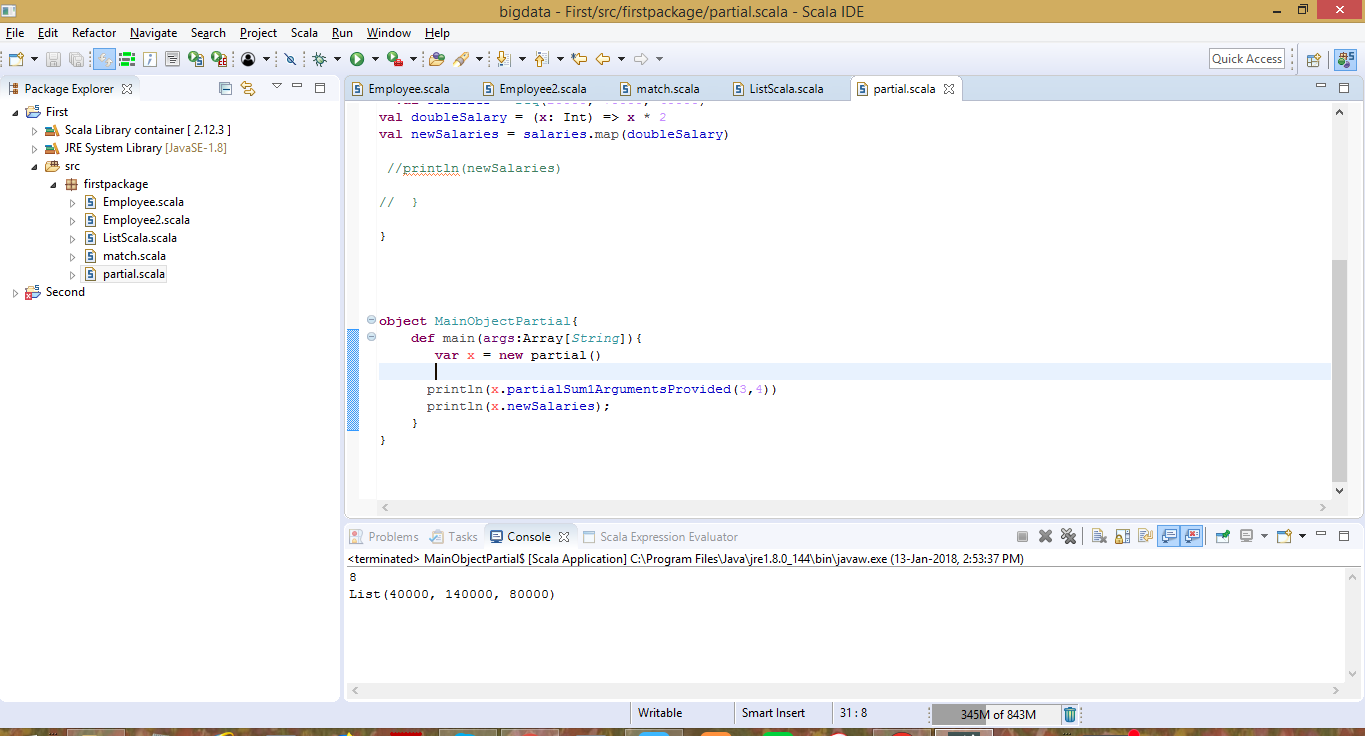
***var*** *x =* ***new*** *partial()*

*println(x.partialSum1ArgumentsProvided(3,4))*

*println(x.newSalaries);*

*}*

*}*



4.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.

***package*** *firstpackage*

***class*** *ScalaMatch{*

***def*** *matchTest(x: String): String = x* ***match*** *{*

***case*** *"Android" => "12999"*

***case*** *"Big Data Development" => "17999"*

***case*** *"Spark" => "19999"*

***case*** *\_ => "Invalid Course"*

*}*

*}*

***object*** *MainObject3{*

***def*** *main(args:Array[String]){*

***var*** *x =* ***new*** *ScalaMatch()*

*println(x.matchTest("Android"))*

*println(x.matchTest("Spark"))*

*println(x.matchTest("DevOps"))*

*}*

*}*

