*Assessment*

1. *WAP to calculate the tax slabs. Input income and gender and calculate the tax accordingly.*

*Tax slabs for general*

*0 to 180000 No tax*

*180001 to 500000 10%*

*500001 to 800000 20%*

*Above 800000 30%*

*Income tax slabs 2011-2012 for Women*

*0 to 190000 No tax*

*190001 to 500000 10%*

*500001 to 800000 20%*

*Above 800000 30%*

*Write if statements to achieve this.*

*Make sure that you indent the code well so that it is readable.*

*Consider user has N eggs. Then display the no of eggs in gross (144 eggs make one gross) and no of eggs in dozen (12 eggs make one dozen) and the no of eggs that is left out remaining. The total no of eggs can be got as input through console. The program should display how many gross, how many dozen, and how many left over eggs the user has.*

*For example, if the input is 1342 eggs, then the program should respond with*

* + - * *Your number of eggs is 9 gross, 3 dozen, and 10*
* *Create a class called Inventory in a package stock. This class has data members called quantity and lowOrderLevelQuantity. Two classes that inherit from this class -Accessories and Laptops, are in package called material. The lowOrderLevelQuantity for laptops is 3, while lowOrderLevelQuantity for Accessories is 5. Apart from these members, Accessories and Laptops also have members describing them and a unique id.*
* *Create 5 laptops and 10 Accessories objects. The quantity member must add up accordingly in the individual classes.*
* *Create an Order class and have customers place orders. If the ordered quantity is available then Invoice should be generated. If the quantity is below lowOrderLevelQuantity then a RequestForMaterial (RFM) must be generated.*

*4*

* *Create a class called Worker. Write classes DailyWorker and SalariedWorker that inherit from Worker. Every worker has a name and a salary. Write method pay() to compute the week pay of every worker. A Daily worker is paid on the basis of the number of days she/he works. The salaried worker gets paid the wage for 40 hours a week no matter what the actual worked hours are. Create a few different types of workers and print all the details of the workers(name, salary and D/W (indicating the type of worker)) in sorted order of the salary.*