(C)ITM-200

HW-2 (1%)

**Submission: Please do not submit the .java file instead copy all the codes in a text file (You can use Notepad) and attach your output as a separate file (You can take print screens)**

Write a program that will calculate tax for an input income. *I have attached a skeleton java file to assist you. You can follow the skeleton or you can follow your own, whichever is comfortable for you.*

Your program should calculate tax based on the following example:

Federal tax rate on the first $45,282 is 15%

Ontario provincial tax rate on the first $41,536 is 5.05%

Basic personal exemption amount for federal is: $11,327

Basic personal exemption amount for Ontario province is: $9863

So, if a person's income is $40,000

Then, Federal tax = 15% of ($40,000-$11,327) = 15% of $28,673 = $4300.95

Provincial tax= 5.05 % of ($40,000 - $9863) = 5.05 % of $30137 = $1521.9185

So, total tax payable= $4300.95 + $1521.9185 = 5822.8685

**Sample input/output**

Enter your income: 40000

Your payable Federal tax is: $4300.95

Your payable Provincial tax is: $1521.9185

Total payable tax is: $5822.8685