








































Practice Arena

Practice problems aimed to improve your coding skills.

-  PRACTICE-02_SCAN-PRINT
-  PRACTICE-03_TYPES
-  LAB-PRAC-02_SCAN-PRINT
-  LAB-PRAC-01
-  PRACTICE-04_COND
-  BONUS-PRAC-02
-  LAB-PRAC-03_TYPES
-  PRACTICE-05_COND-LOOPS
-  LAB-PRAC-04_COND
 -  Trouble with Triangles
 -  Ms- Mathematica
 -  Pollution Problem
 -  In or Out
 -  Rick-s Number
 -  Its Tax Time
 -  The Toppers
 -  Isotonic Regression
 -  Super Leap Years
 -  Make Room for Rectangles
 -  Quadratic Quandry Revisited
 -  Grade Grab
-  LAB-PRAC-05_CONDLOOPS
-  PRACTICE-07_LOOPS-ARR
-  LAB-PRAC-06_LOOPS
-  LAB-PRAC-07_LOOPS-ARR
-  LABEXAM-PRAC-01_MIDSEM
-  PRACTICE-09_PTR-MAT
-  LAB-PRAC-08_ARR-STR
-  PRACTICE-10_MAT-FUN
-  LAB-PRAC-09_PTR-MAT
-  LAB-PRAC-10_MAT-FUN
-  PRACTICE-11_FUN-PTR
-  LAB-PRAC-11_FUN-PTR
-  LAB-PRAC-12_FUN-STRUC
-  LABEXAM-PRAC-02_ENDSEM
-  LAB-PRAC-13_STRUC-NUM
-  LAB-PRAC-14_SORT-MISC

Its Tax Time

LAB-PRAC-04_COND

Its Tax Time [20 marks]

Problem Statement

In a week's time, all Indian citizens who are income tax assesseees will have to file their tax returns (your instructor is one of them). Can you help your instructor file his taxes? The Indian tax code for personal income is a bit more complicated so we will use a simplified tax code below. Let the income of Mr C be Rupees X

1. Slab 1: If X is less than or equal to 100,000, no tax is to be paid
2. Slab 2: If X is greater than 100,000 but less than or equal to 200,000, then tax paid is 10% of (X-100,000)
3. Slab 3: If X is greater than 200,000 but less than or equal to 300,000, then tax paid is 10,000 + 20% of (X-200,000)
4. Slab 4: If X is greater than 300,000, then tax paid is 30,000 + 30% of (X-300,000)

You will be given an income value as a **positive integer**. You have to give output in **two lines**. In the first line you have to output which Slab does the income fall in and in the second line you have to output the total tax **rounded off to two decimal places**.

Caution

1. The commas in the amounts above are just for ease of reading. Do not put commas in numbers when coding. Mr. C does not understand commas inside integers.
 2. Be careful about extra/missing lines and extra/missing spaces.
 3. Carefully read the tax code. Do not make mistakes between "greater than" and "greater than or equal to"
-

INPUT:

income

OUTPUT:

Slab

Tax

EXAMPLE:

INPUT

250000

OUTPUT:

Slab 3

20000.00

Grading Scheme:

Total marks: **[20 Points]**

There will be partial grading in this question. There are two lines in your output. Printing each line correctly, in the correct order, carries 50% weightage. Each visible test case is worth 2 points and each hidden test case is worth 4 points. There are 2 visible and 4 hidden test cases.

Please remember, however, that when you press Submit/Evaluate, you will get a green bar only if all parts of your answer are correct. Thus, if your answer is only partly correct, Prutor will say that you have not passed that test case completely, but when we do autograding afterwards, you will get partial marks.

 **Start Solving! (/editor/practice/6055)**