

Personal Tax Income 2023

Because he had just gone to work, he did not know how to pay income tax. After searching online, he found the following tax calculation after personal relief of 11 million VND / month:

Level Taxable income/month (VND) Rate

1	0 - 5 million	5%
2	Over 5 - 10 million VND	10%
3	Over 10 - 18 million VND	15%
4	Over 18 - 32 million VND	20%
5	Over 32 - 52 million	25%
6	Over 52 - 80 million	30%
7	Over 80 million	35%

The tax rate for each level is only applied to the amount of money that belongs to that level.

Input

- A non-negative integer is Beo's salary (dong) ($\leq 10^{10}$).

Output

- The only integer is the amount of tax to be paid.

Example

Input	Output
19000000	550000