

Illustration :

In 2014, there are 4 edges which have their own tax rate:

From Rp 0 to Rp 50,000,000 the tax rate is 5%.

From Rp 50,000,000 to Rp 250,000,000 the tax rate is 15%.

From Rp 250,000,000 to Rp 500,000,000 the tax rate is 25%.

Above 500,000,000 the tax rate is 30%.

Examples:

1). If your annual taxable income is Rp 75,000,000.

Your annual income tax amount will be:

$$5\% * 50,000,000 + 15\% * 25,000,000 =$$

$$2,500,000 + 3,750,000 = \text{Rp } 6,250,000$$

2) If your annual taxable income is Rp 750,000,000,

Your annual income tax amount will be:

$$5\% * 50,000,000 + 15\% * 200,000,000 + 25\% * 250,000,000 + 30\% * 250,000,000 =$$

$$2,500,000 + 30,000,000 + 62,500,000 + 75,000,000 = \text{Rp } 170,000,000$$

Task :

Write a program in TDD to calculate the annual income tax above.