import java.io.\*;

import java.util.\*;

import java.text.\*;

import java.math.\*;

import java.util.regex.\*;

public class Solution {

public static void main(String[] args) {

Scanner sr = new Scanner(System.in);

double income = sr.nextDouble();

if (income <= 250000) {

System.out.println("0.0");

} else if (income <= 500000) {

System.out.println((income - 250000) \* 0.05);

} else if (income <= 1000000) {

System.out.println((income - 500000) \* 0.20 + 12500);

} else {

System.out.println((income - 1000000) \* 0.30 + 112500);

}

}

}