**Write a program to calculate the electricity bill based on the number of units consumed.**  
The billing rules are as follows:

* For the first 50 units, Rs 1 per unit.
* For the next 100 units (51–150), Rs 2 per unit.
* For the next 100 units (151–250), Rs 3 per unit.
* For units above 250, Rs 4 per unit.

If the total bill exceeds Rs 150, add a surcharge of 20% of the total bill.  
**Constraints:**  
0 <= number of units <= 1000  
**Input Format:**  
A single integer or float denoting the number of electricity units consumed.  
**Output Format:**  
Print the total electricity charge (including surcharge if applicable).  
**Sample Input:**  
120  
**Sample Output:**  
228  
**Explanation:**  
First 50 units → 50 × 1 = 50  
Next 70 units → 70 × 2 = 140  
Total = 190 > 150 → add 20% surcharge = 38  
Total bill = 190 + 38 = 228

**Program:**

import java.util.\*;

public class Main {

    public static void main(String[] args) {

        Scanner sc = new Scanner(System.in);

        double units = sc.nextDouble();

        double total = 0;

        if (units <= 50) {

            total = units \* 1;

        } else if (units <= 150) {

            total = 50 \* 1 + (units - 50) \* 2;

        } else if (units <= 250) {

            total = 50 \* 1 + 100 \* 2 + (units - 150) \* 3;

        } else {

            total = 50 \* 1 + 100 \* 2 + 100 \* 3 + (units - 250) \* 4;

        }

        if (total > 150) {

            total = total + (total \* 0.2);

        }

        System.out.println((int)total);

        sc.close();

    }

}