

# Bills

To encourage customers to buy more products, your store run discounts as the following:

- For first 100 products, each product costs 200 VND
- For the next 100 products, each product costs 199 VND
- For the next 100 products, each product cost 198 VND.
- ...

However, to make sure that the store will get some benefits, the price must be never lower than 180 for each product.

## Input

The only line contains the number of product which a customer wants to buy (denoted by  $N$ ,  $0 \leq N \leq 10^5$ )

## Output

Output the amount of money the customer must pay.

## Example

**Input:**  
250

**Output:**  
49800