Problem D. Golden Coins

Time limit 2000 ms
Mem limit 1048576 kB

Problem Statement

Takahashi loves gold coins. He gains 1000 *happiness points* for each 500-yen coin he has and gains 5 happiness points for each 5-yen coin he has. (Yen is the currency of Japan.)

Takahashi has X yen. If he exchanges his money so that he will gain the most happiness points, how many happiness points will he earn?

(We assume that there are six kinds of coins available: 500-yen, 100-yen, 50-yen, 10-yen, 5-yen, and 1-yen coins.)

Constraints

- $0 \leq X \leq 10^9$
- X is an integer.

Input

Input is given from Standard Input in the following format:

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X
```

Output

Print the maximum number of happiness points that can be earned.

Sample 1

Input	Output
1024	2020

By exchanging his money so that he gets two 500-yen coins and four 5-yen coins, he gains 2020 happiness points, which is the maximum number of happiness points that can be earned.

Sample 2

Input	Output
0	0

He is penniless - or yenless.

Sample 3

Input	Output
1000000000	2000000000

He is a billionaire – in yen.