# A. Holidays

On the planet Mars a year lasts exactly $n$ days (there are no leap years on Mars). But Martians have the same weeks as earthlings — 5 work days and then 2 days off. Your task is to determine the minimum possible and the maximum possible number of days off per year on Mars.

## Input

The first line of the input contains a positive integer $n$ ($1 \leq n \leq 1\,000\,000$) — the number of days in a year on Mars.

## Output

Print two integers — the minimum possible and the maximum possible number of days off per year on Mars.

## Examples

input

```
14
```

output

```
4 4
```

input

```
2
```

output

```
0 2
```

## Note

In the first sample there are $14$ days in a year on Mars, and therefore independently of the day a year starts with there will be exactly $4$ days off .

In the second sample there are only $2$ days in a year on Mars, and they can both be either work days or days off.