CHILLING

Tuntuni just admitted in SUST. The students have to attend classes for 5 days a week and the other 2 days they can chill as much as they want. Suppose a month has k days. Tuntuni is very lazy and likes to chill more. So she wants to know the minimum and the maximum possible number of days she can chill in a month. But she is lazy and wants you to help her.

Input:

The only line of the problem contains k (1<=k<=1000,000) the number of days in a month.

Output:

Print two integers the minimum and the maximum possible number of days she can chill in a month.

Examples:

Input:

14

Output:

4 4

Input:

2

Output:

0 2

Input:

6

Output:

1 2