

# Problem F4002

## Exam Score

You just received your examination result. The full marks for this exam is 100 and the grading system works as following.

A: 90~100  
B: 80~89  
C: 70~79  
D: 60~69  
E: 50~59  
F: 0~49

For example if your score is between 90 and 100 inclusive, say 95, you will receive an "A". Write a program to print your possible score range with your final result given.

### Input

The input consist one of the single upper case letter from set  $\{A, B, C, D, E, F\}$  on a line.

### Output

Output two space separated integers on a line. The first one represent your lowest possible score and the second one represent your highest possible score.

### Sample Input

A

### Sample Output

90 100