SAMPLE OUTPUT - SUCCESSFUL GUESS

Secret Number: _7260_

7129
How many correct digits are there?
Enter here: 2
How many exact digits are there?
Enter here: 1
Guess 1/11: 7129 | Correct:2 Exact:1

4306
How many correct digits are there?
Enter here: 2
How many exact digits are there?
Enter here: 0
Guess 1/11: 7129 | Correct:2 Exact:1
Guess 2/11: 4306 | Correct:2 Exact:0

9475
How many correct digits are there?
Enter here: 1
How many exact digits are there?
Enter here: 0
Guess 1/11: 7129 | Correct:2 Exact:1
Guess 2/11: 4306 | Correct:2 Exact:0
Guess 3/11: 9475 | Correct:1 Exact:0

2560
How many correct digits are there?
Enter here: 3
How many exact digits are there?
Enter here: 2
Guess 1/11: 7129 | Correct:2 Exact:1
Guess 2/11: 4306 | Correct:2 Exact:0
Guess 3/11: 9475 | Correct:1 Exact:0
Guess 4/11: 2560 | Correct:3 Exact:2

6251
How many correct digits are there?
Enter here: 2
How many exact digits are there?
Enter here: 1
Guess 1/11: 7129 | Correct:2 Exact:1
Guess 2/11: 4306 | Correct:2 Exact:0
Guess 3/11: 9475 | Correct:1 Exact:0
Guess 4/11: 2560 | Correct:3 Exact:2
Guess 5/11: 6251 | Correct:2 Exact:1

It must be 7260.

SAMPLE OUTPUT - INCORRECT FEEDBACK

Secret Number: *4978*

Guess 1/11: 7129
How many correct digits are there?
Enter here: 5
Wrong input! How many correct digits are there?

Secret Number: *2046*

Guess 1/11: 7129
How many correct digits are there?
Enter here: 1
How many exact digits are there?
Enter here: 2
Wrong input! How many exact digits are there?

Secret Number: *6301*

Guess 1/11: 7129
How many correct digits are there?
Enter here: 4
How many exact digits are there?
Enter here: 0
Guess 1/11: 7129 | Correct:4 Exact:0

Guess 2/11: 4306
How many correct digits are there?
Enter here: 4
How many exact digits are there?
Enter here: 0
Guess 1/11: 7129 | Correct:4 Exact:0
Guess 2/11: 4306 | Correct:4 Exact:0

You must be kidding! No 4-digit number can satisfy your description! Let us start again!
Press enter to restart. Press x to quit.

SAMPLE OUTPUT - EXCEEDING GUESS LIMIT

Secret Number: 4978

Because of the particularity of the algorithm of the program, if all the inputs are correct, it is **IMPOSSIBLE** to get the times of guesses exceed 12 times.

The reasons are written in the design documentation.