-1 if num is higher than the picked number

1 if num is lower than the picked number



We are playing the Guess Game. The game is as follows:

△ Solution

Every time you guess wrong, I will tell you whether the number I picked is higher or lower than your guess.

**□** Discuss (999+)

You call a pre-defined API int guess(int num), which returns three possible results:

## Example 1:

Description

**Input:** n = 10, pick = 6

Input: n = 1, pick = 1

Input: n = 2, pick = 1 Output: 1

### **Constraints:**

- $1 \le n \le 2^{31} 1$
- 1 <= pick <= n

```
i Java
```

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27 28

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30 31

17 ▼

**12** ▼

Autocomplete

\* int guess(int num);

\* @param num

\* @return

\* Forward declaration of guess API.

your guess

public class Solution extends GuessGame {

public int guessNumber(int n) {

while(start <= end){</pre>

if(guess(mid) == 0)

return mid;

else if(guess(mid) == 1)

start = mid + 1;

end = mid - 1;

int start = 1;

int end = n;

else

return -1;

otherwise return 0

int mid = start + (end - start) / 2;







```
374. Guess Number Higher or Lower
```

Submissions

I pick a number from 1 to n. You have to guess which number I picked.

- -1: Your guess is higher than the number I picked (i.e. num > pick).
- 1: Your guess is lower than the number I picked (i.e. num < pick ).
- 0: your guess is equal to the number I picked (i.e. num == pick).

Return the number that I picked.

```
Output: 6
```

## Example 2:

```
Output: 1
```

# Example 3: