



## Play Game is called

1

### Play Game

my num:

guess num:

got it:

Instruction:

...

Instruction:

Procedure: Play Game

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Local Variables:

\* My Num, Guess Num (Integer)

\* Got It (Boolean)

Steps:

1: Assign My Num, a Random number between 1 and MAX\_NUMBER

2: Assign to Guess Num, the value 0

3: Output 'I am thinking of a number... 1 and ', and MAX\_NUMBER

4: Repeat

5:   Increase Guess Num by 1

6:   Assign Got It, Perform Guess(Guess Num, My Num)

7: Until Guess Num >= MAX\_GUESSES or Got It

(\* While Guess Number < MAX\_GUESSES and not Got It \*)

8: If Not Got It then

9:   Output 'You ran out of guesses... ', and My Num

