```
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
```

Play Game

my num: `37`

guess num: `2`

got it: `False`

Instruction: `Step 5`

...

Instruction: `...`

Control jumps back to Step 5, to repeat the body of the loop ①

Terminal — bash — 80×24

I am think of a number ...
Guess 1: 50
The number is less than 50