



Procedure: Play Game

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

Got it is checked to see if the user ran out of guesses

1

Play Game

my num:

guess num:

got it:

Instruction:

...

Instruction:

2

If they did not get the answer then a message is output



Terminal — bash — 80x24

I am think of a number ...
Guess 1: 50
The number is less than 50
Guess 2: 25
The number is larger than 25
Guess 3: 37
Well done... the number was 37

