

Procedure: Play Game

Perform Guess is called, and the result returned is assigned to Got It

Local Variables:

- * My Num, Guess Num (Integer)
- * Got It (Boolean)

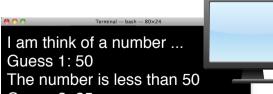
Steps:

- 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 Numby 1
- 6: Assign Got It, Perform Guess (Guess Num, My Num)
- 7: Until Guess Num >= MAX GUESSES or Got It
- (* White Guess Number < MAX GUESSES and not Got It *)
- 8: If Not Got It then
- 9: Output 'You ran out of guesses...', and My Num

Perform Guess returns true, so this is stored in got it







Guess 2: 25

The number is larger than 25

Guess 3: 37

Well done... the number was 37