① True branch is taken as target is less than guess
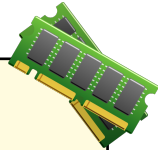
Perform Guess

num guess:	1
target:	37
guess:	50
result:	False
Instruction:	Step 5

```
...
Instruction: ...
```

```
Function: Perform Guess
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Returns: Boolean - True if the user has guessed the Target
Parameters:
 1: Num Guess (Integer) - The number of the guess (1..7)
 2: Target (Integer) - The target the user is aiming for
Steps:
  1: Output 'Guess ', num_guess, and ': '
  2: Read input into guess
  3:
  4: if target is less than guess then
  5:     Output 'The number is less than ', guess
  6: else
  7:     if target is larger than guess then
  8:         Output 'The number is larger than ', guess
  9:     else
 10:         Output 'Well done... the number was ', guess
 11: result := target = guess;
```

② Execution jumps to step 5

CPU

```
Terminal — bash — 80×24
I am think of a number ...
Guess 1: 50
The number is less than 50
```