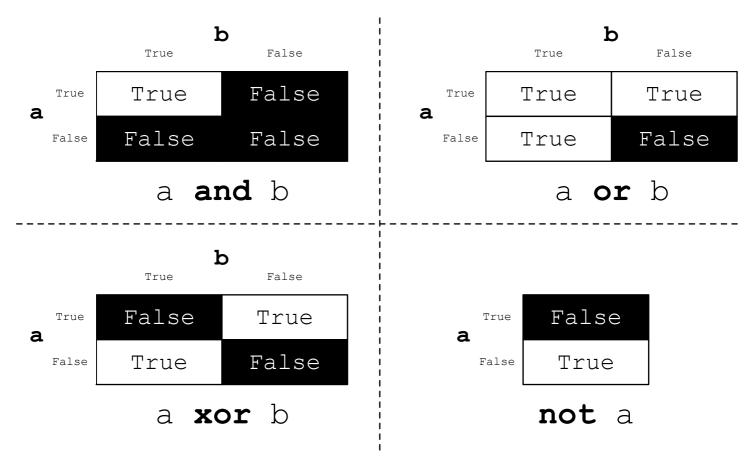
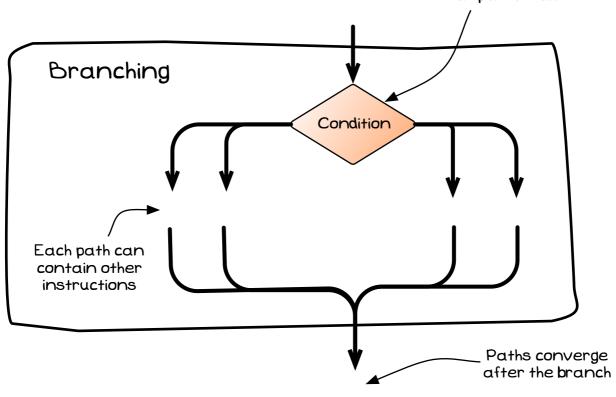
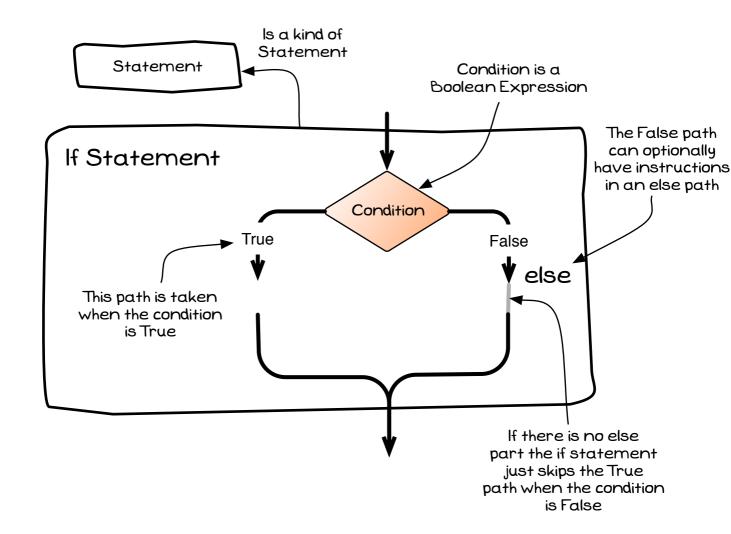


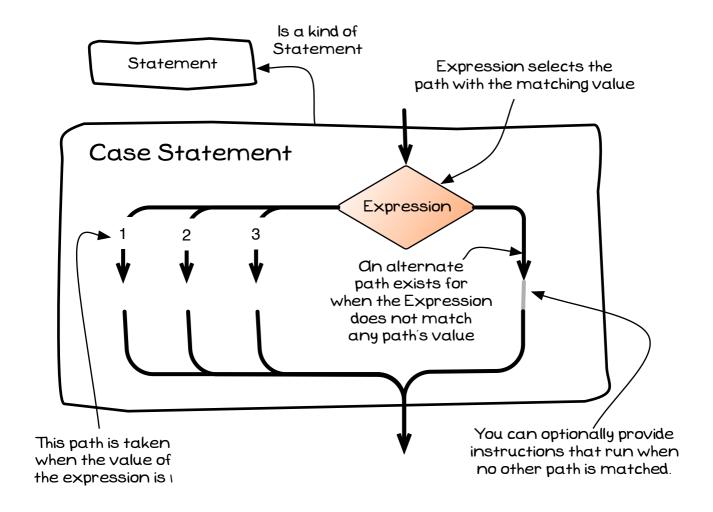
### Logical Operators

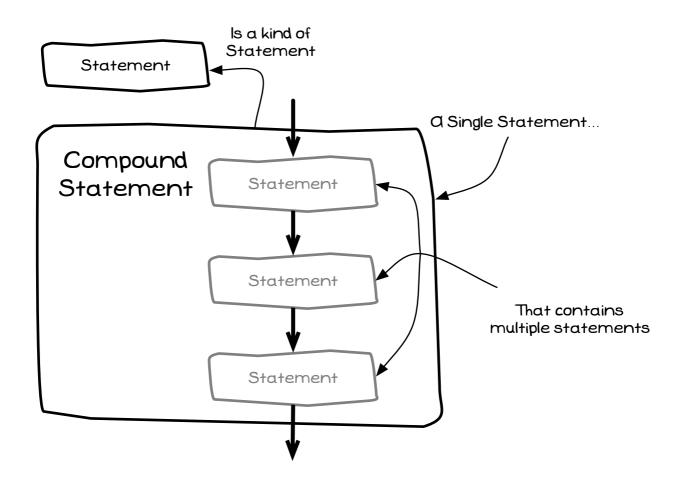


Condition is an Expression that controls that path is taken...





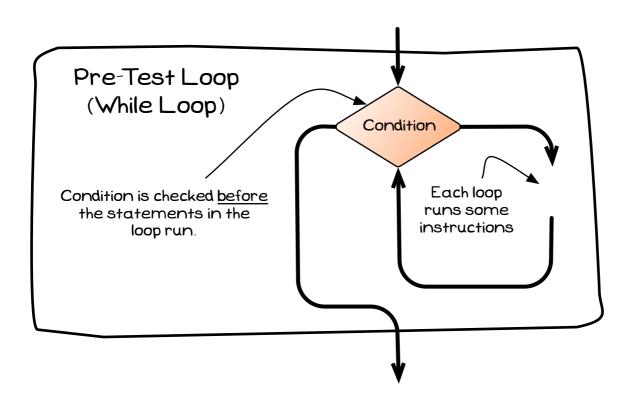


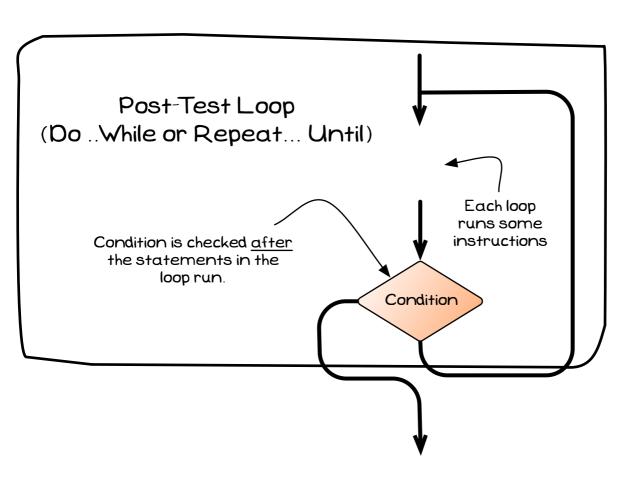


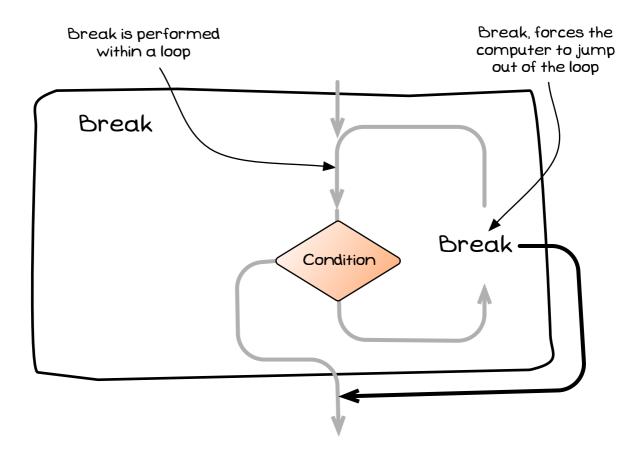
Each loop runs some instructions

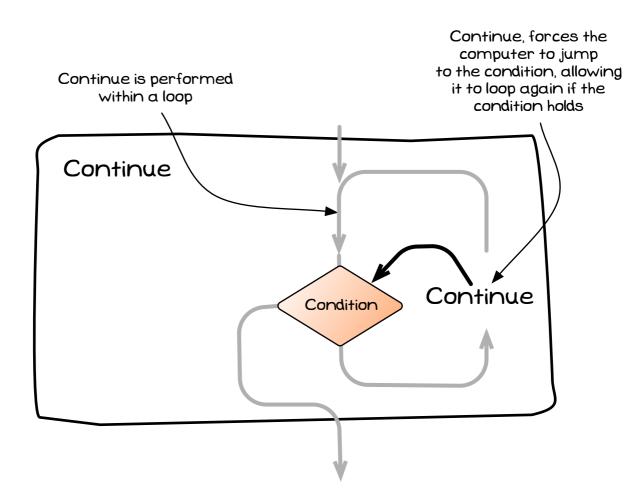
Condition is checked each loop, and controls if the loop runs again, or the loop ends

Condition

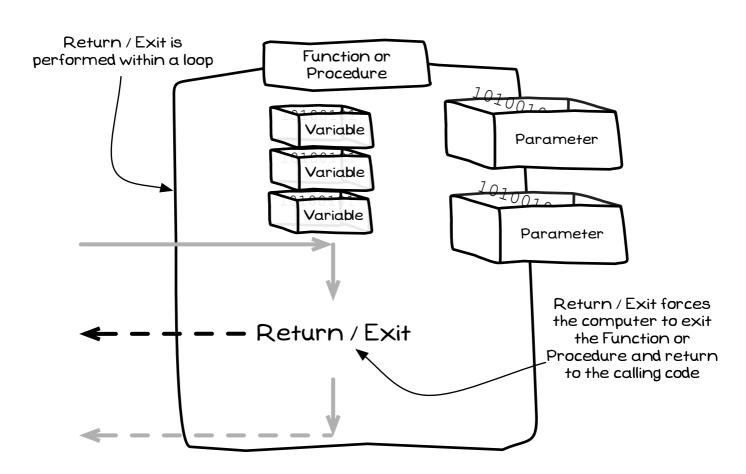




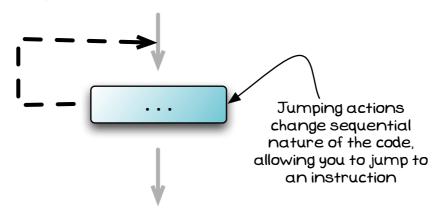


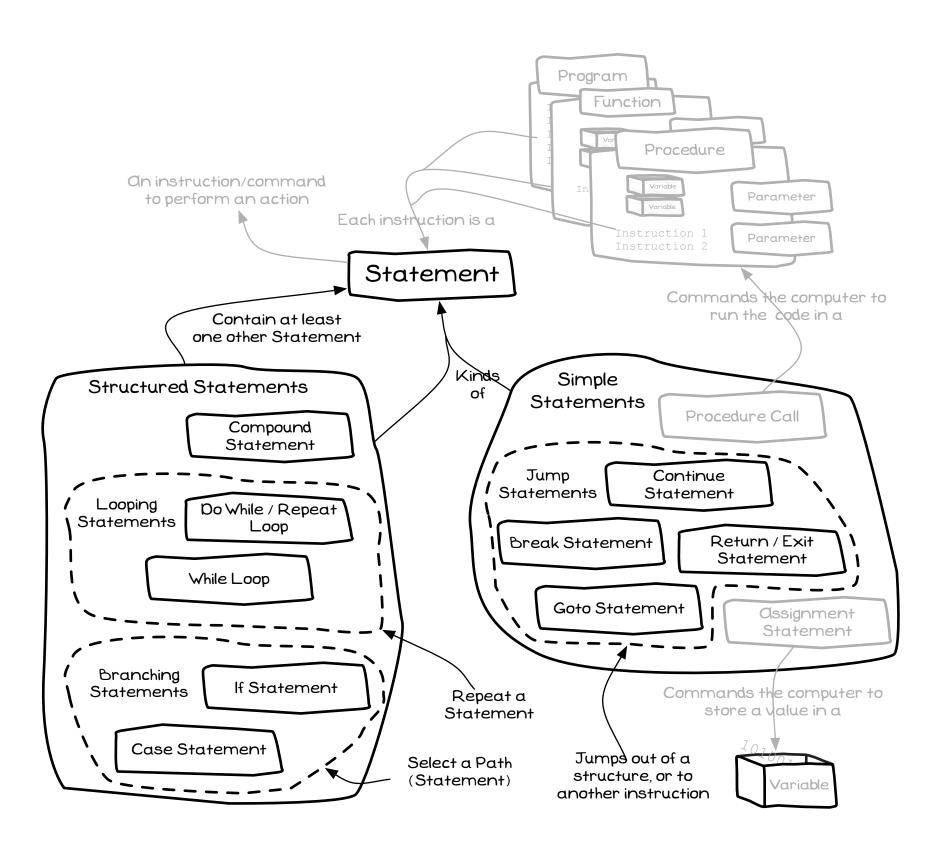


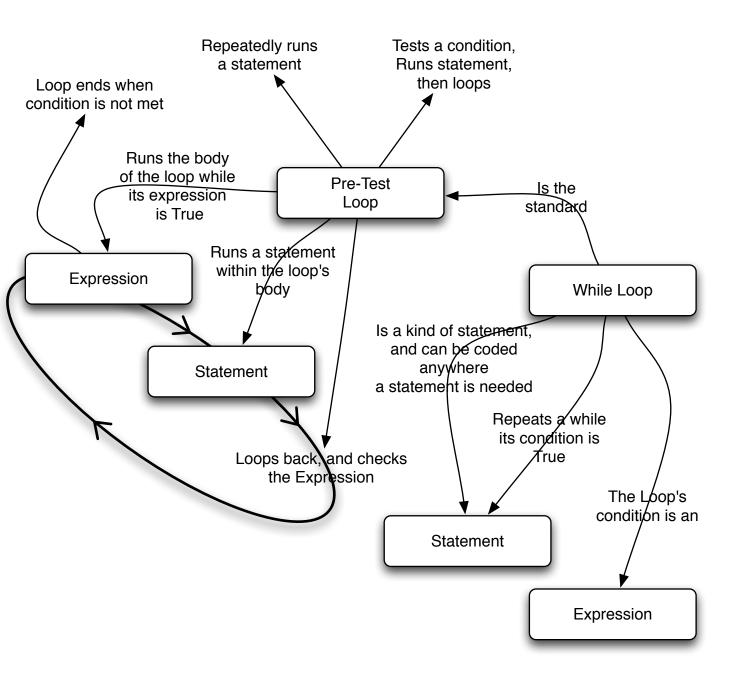
#### Return / Exit

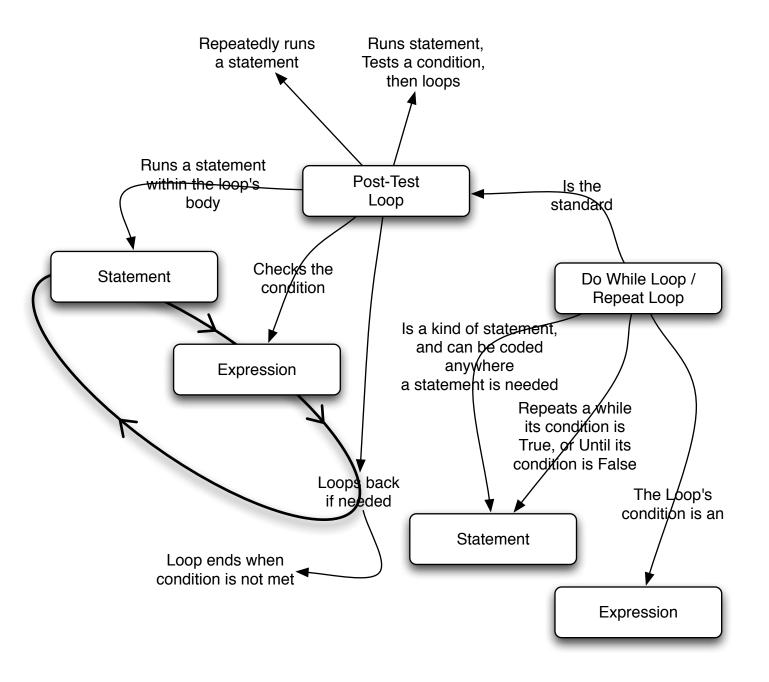


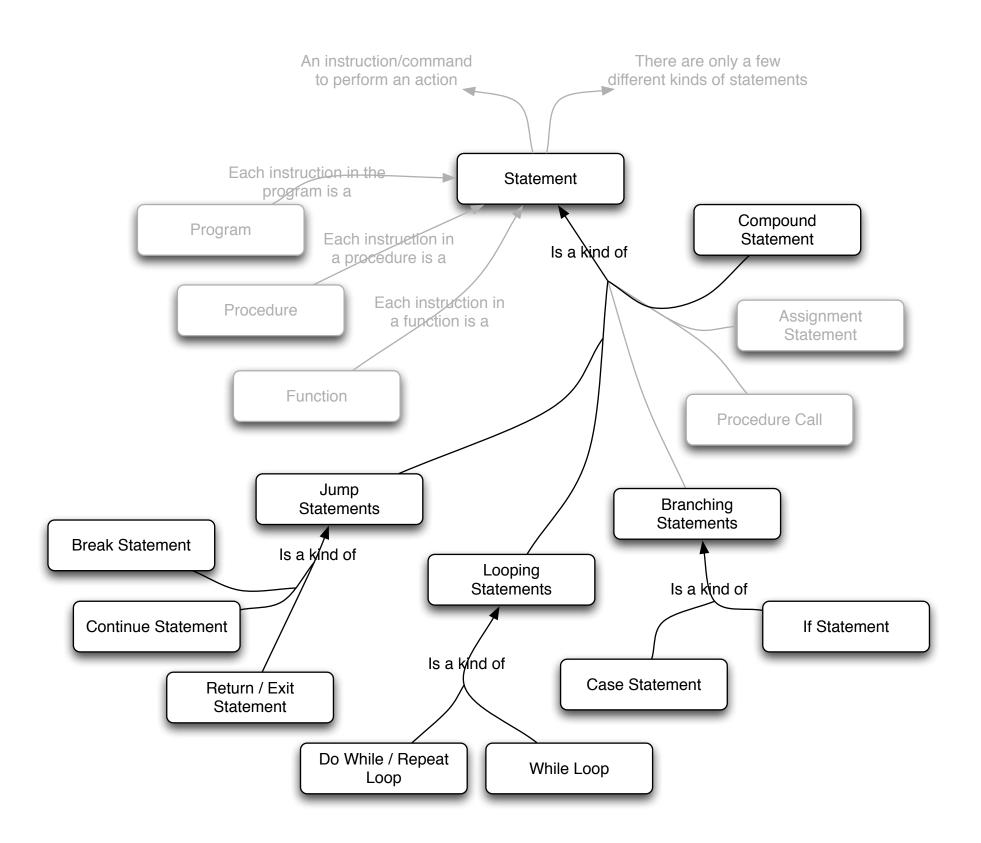
## Jumping

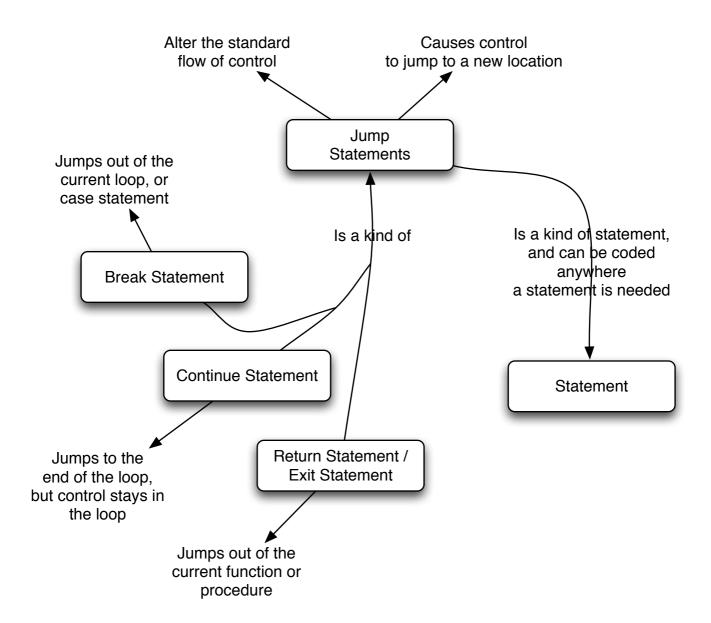


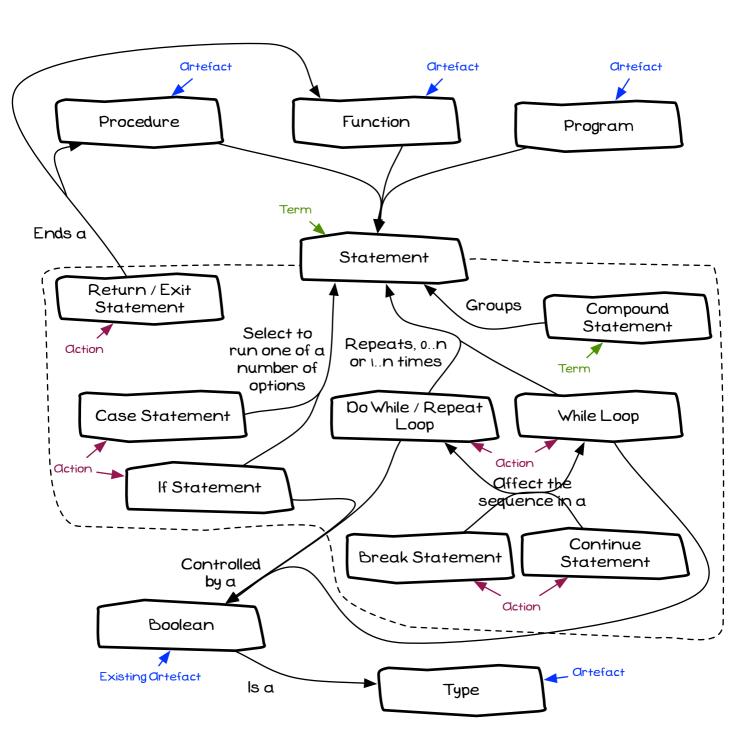


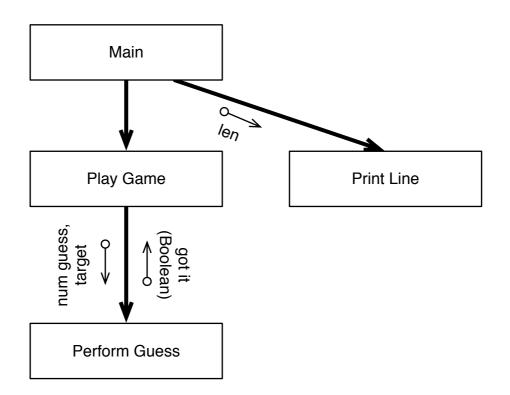


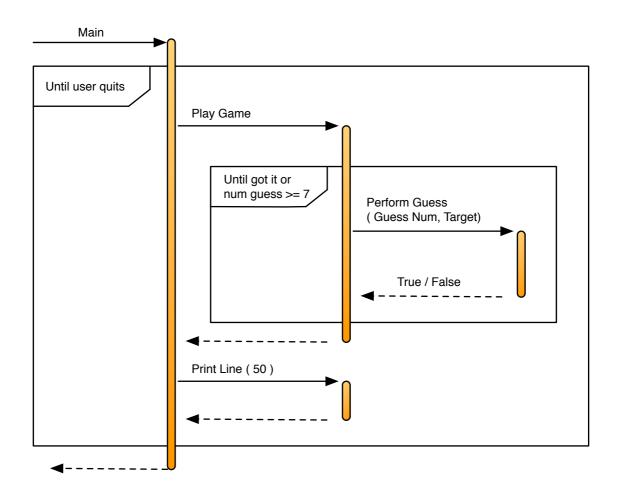


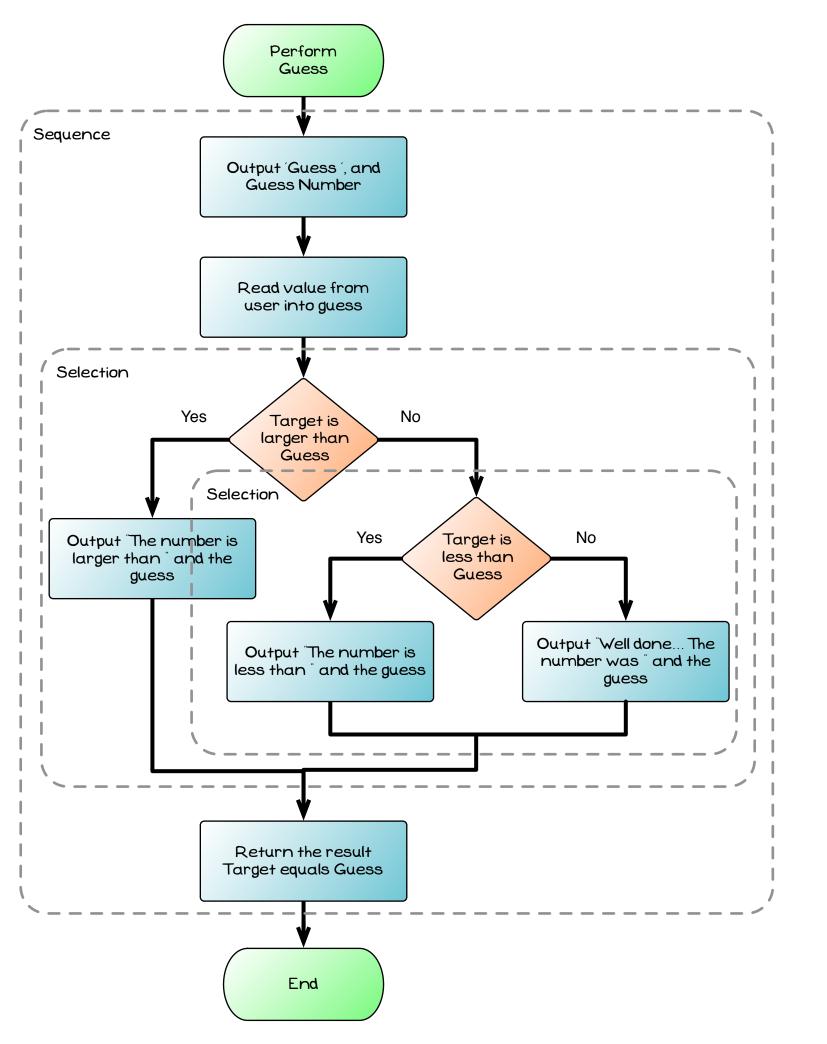


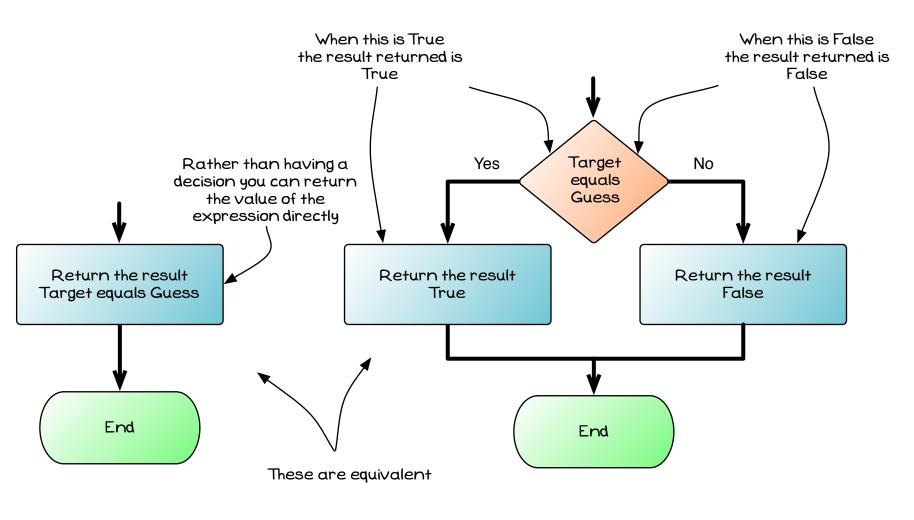


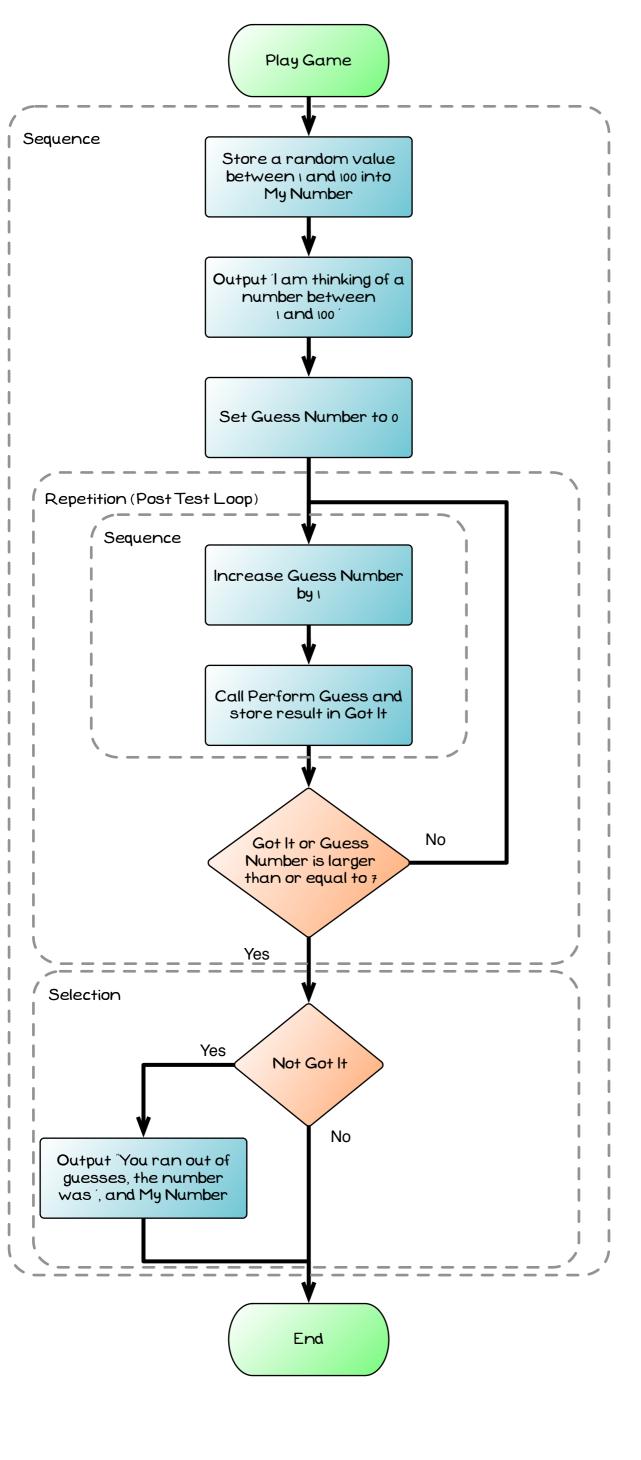


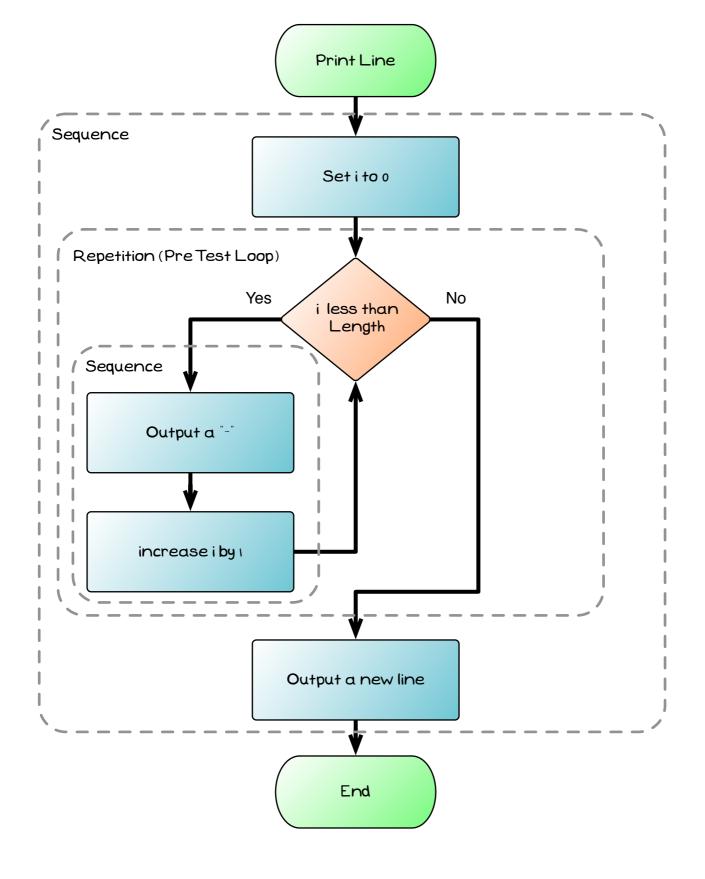


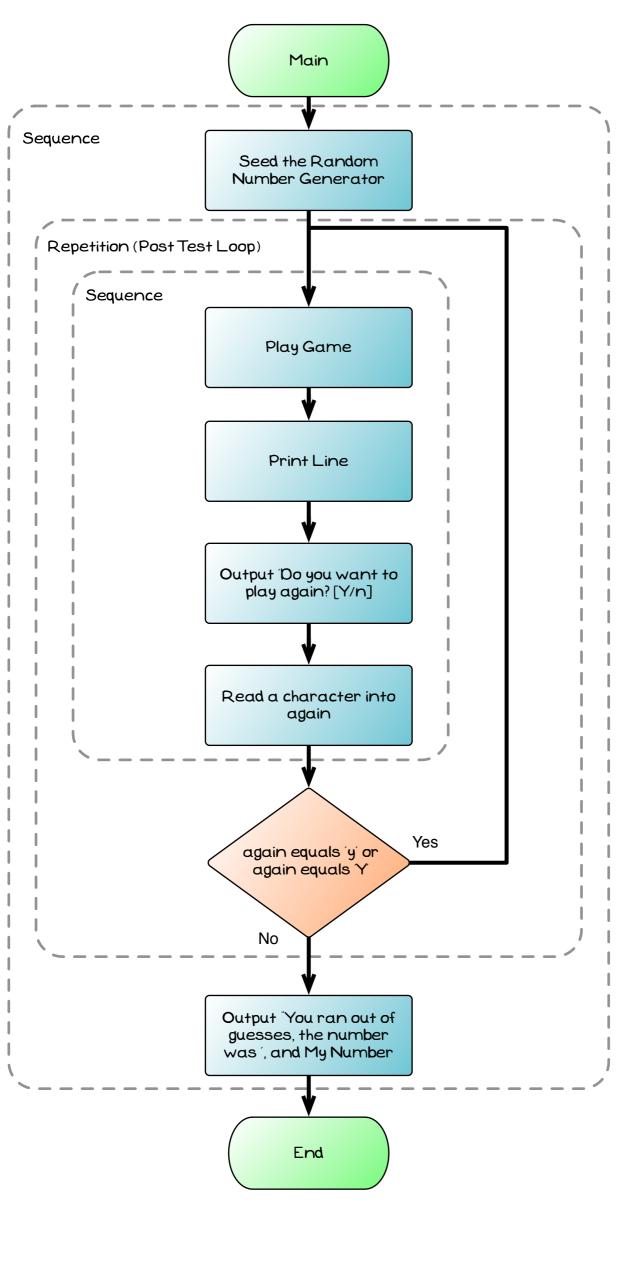


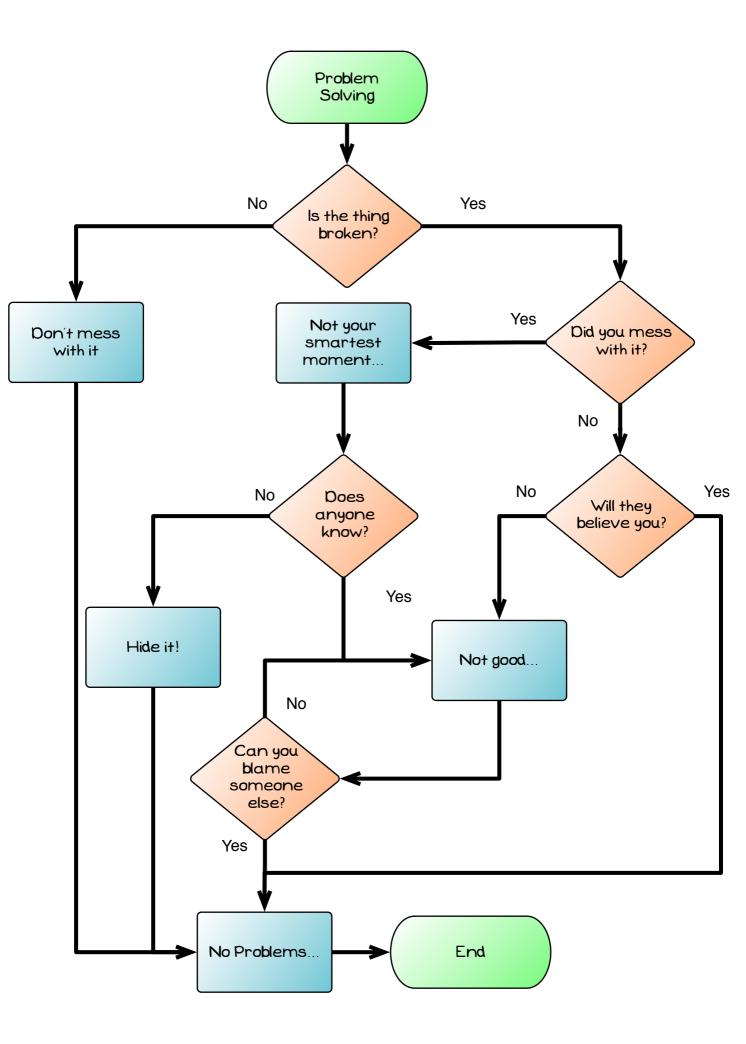


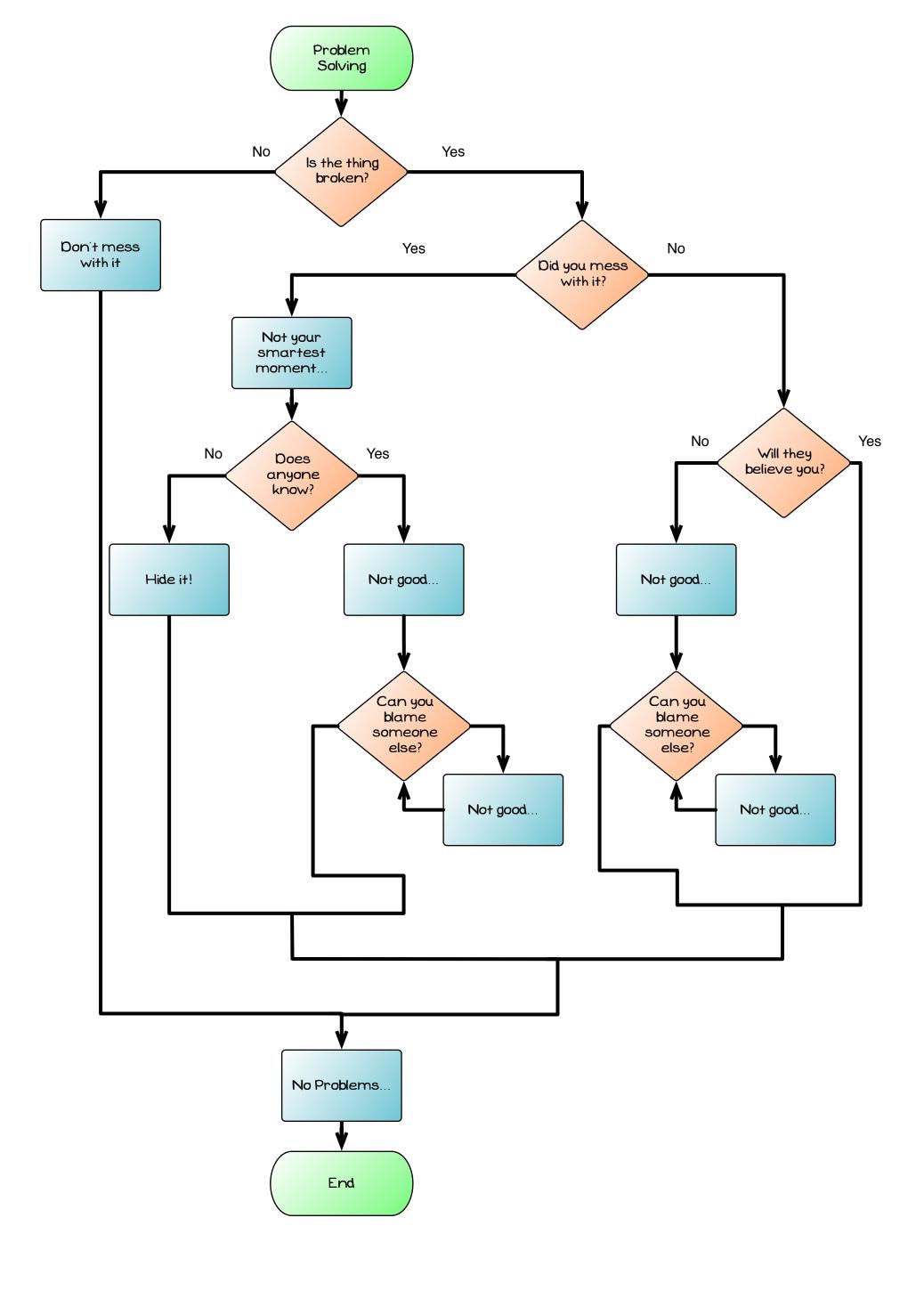


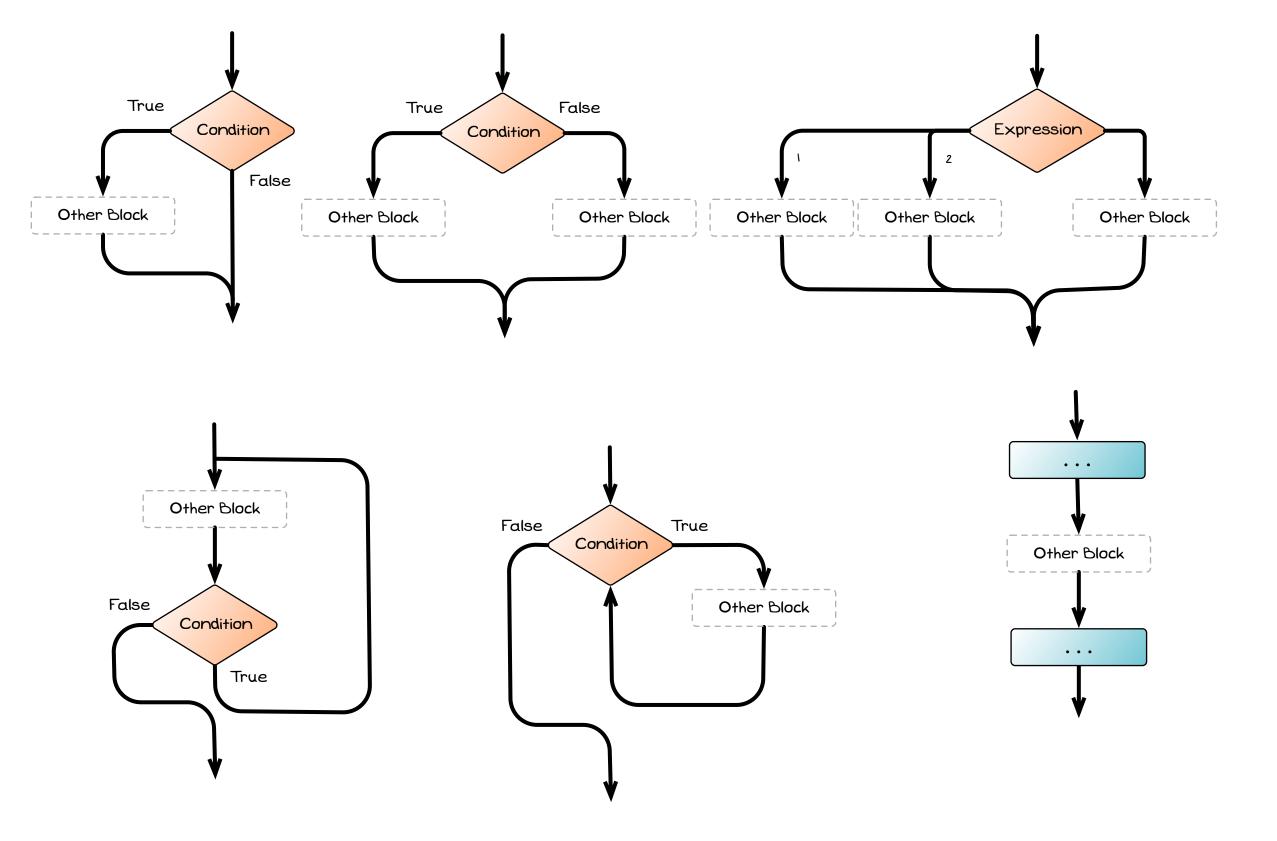






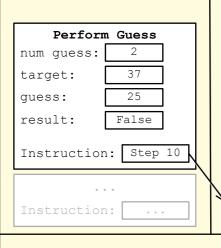








# else branch is taken as target is not larger than guess



```
Function: Perform Guess
Returns: Boolean - True if the user has guessed the Target
1: Num Guess (Integer) - The number of the guess (1..7)
2: Target (Integer) - The target the user is aiming for
 1: Output 'Guess ', num_ghess, and ': '
  2: Read input into guess
  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
             Output 'The number is larger than ', guess
  8:
  9:
         else
 10:
             Output 'Well done... the number was ', guess
 11: Return the result, target equals guess
```





#### 2) Execution jumps to step 10

I am think of a number ...

Guess 1: 50

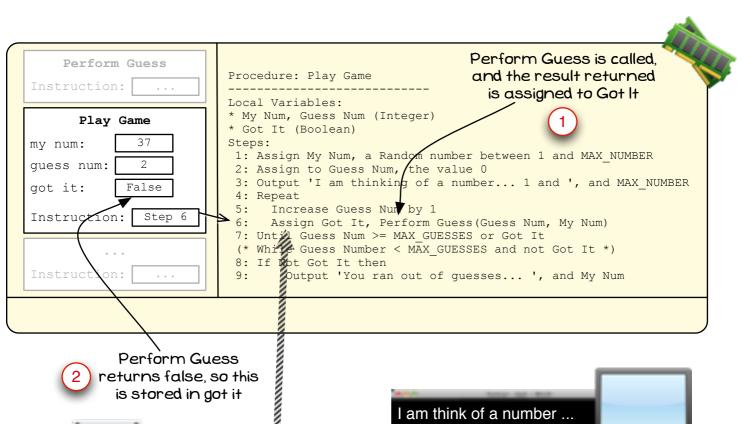
The number is less than 50

Guess 2: 25

The number is larger than 25

Guess 3: 37

Well done... the number was 37



I am think of a number ...

The number is less than 50

The number is larger than 25

Guess 1:50

Guess 2: 25

returns false, so this is stored in got it

