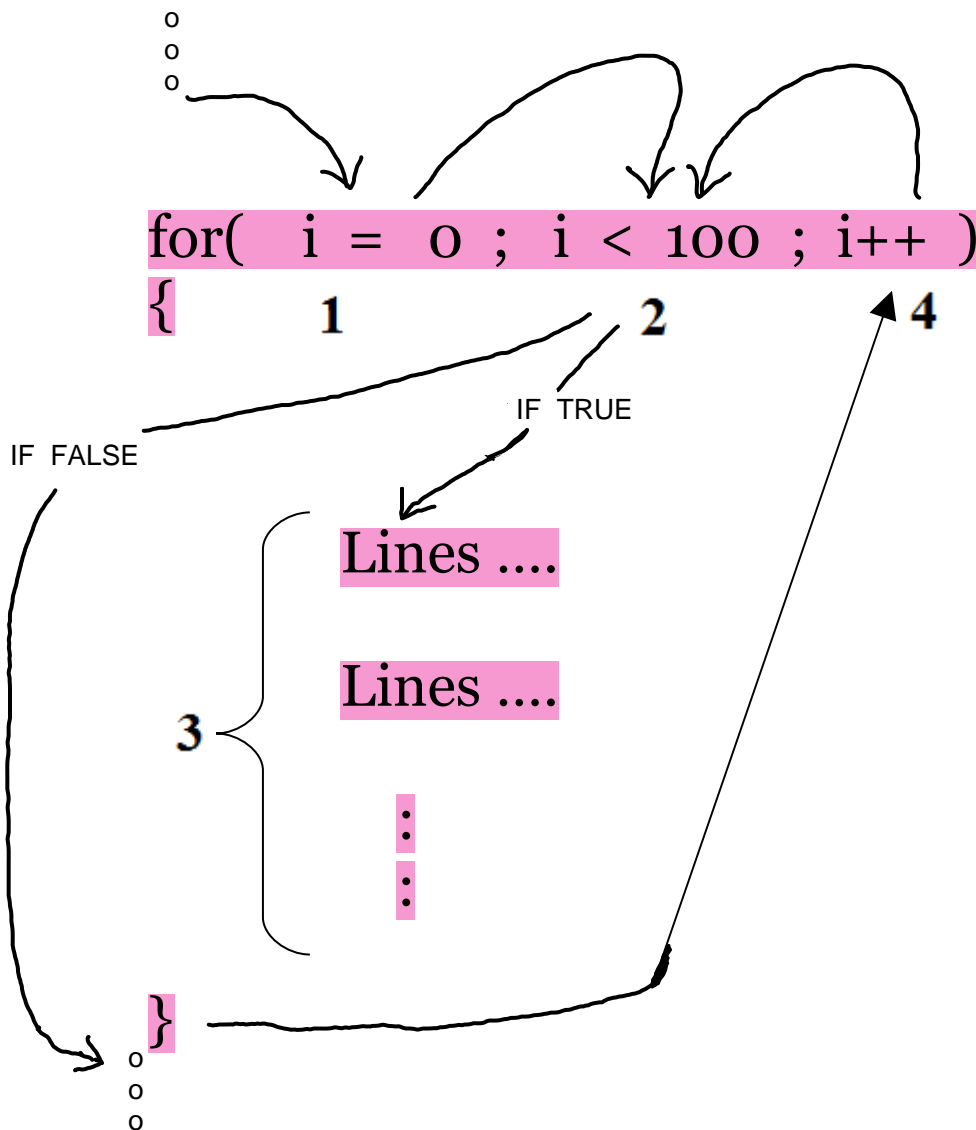


A *for* loop has three parts inside parenthesis and then few line inside the curly brackets. The order of execution of these parts are as follows:



The Execution goes as follows: 1 2 3 4 2 3 4 2 3 4 2 3 4 . . .

Where 1 is the initial statement that makes *i* equal zero, 2 sees if *i* is less than one hundred, 3 is the body of the loop (and can contain any code), and 4 increments *i* (that is, if *i* was one, 4 will make it two, and if *i* was two, 4 will make it three, and so on).

Note that 1 is only executed once at the start and the pattern of 2 3 4 continues.

So, the loop runs as follows:

Initially *i* is 0.

Then it is tested if *i* < 100

If TRUE then the lines in the curly brackets are executed

Then control goes to *i*++, where the value of *i* is increased by one

Then it goes back to the condition, to check if *i* < 100,

If TRUE then the lines in the curly brackets are again executed

Then again the control goes to *i*++, where the value of *i* is increased by one

Then it goes back to the condition, to check if *i* < 100