

```

conditions.py - C:/Users/khouripa/Documents/Year 11 programming/conditions.py (3.6.1)
File Edit Format Run Options Window Help

my_variable = 89

# example 1
if my_variable < 90:
    print("{} is less than 90".format(my_variable) )

#example 2
if my_variable < 89:
    print("{} is less than 89 ".format(my_variable) )

#example 3
if my_variable < 89:
    print("{} is less than 89".format(my_variable))
else:
    print("{} is not less than 89".format(my_variable))

#example 4
if my_variable < 89:
    print("{} is less than 89".format(my_variable))
elif my_variable == 89:
    print("{} is exactly 89".format(my_variable))
else:
    print("{} is more than 89".format(my_variable))

```

Only one
condition can
execute

Only one
condition can
execute

The code after the colon is “tabbed in” by 4 spaces.

The tabbed in code is what will run if the condition is met.

Running the code on pythutor : <http://www.pythontutor.com/visualize.html>

Marsden Intranet x Mail (4) - paul.khouripa@marsden... Visualize Python, Java, JavaScript x +

Not secure | www.pythontutor.com/visualize.html#mode=display

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Python 3.6

```

1 my_variable = 89
2
3 # example 1
4 if my_variable < 90:
5     print("{} is less than 90".format(my_variable) )
6
7
8 #example 2
9 if my_variable < 89:
10    print("{} is less than 89 ".format(my_variable) )
11
12
13 #example 3
14 if my_variable < 89:
15    print("{} is less than 89".format(my_variable))
16 else:
17    print("{} is not less than 89".format(my_variable))
18
19 #example 4
20 if my_variable < 89:
21    print("{} is less than 89".format(my_variable))
22
23

```

[Edit this code](#)

Print output (drag lower right corner to resize)

```

89 is less than 90
89 is not less than 89
89 is exactly 89

```

Frames Objects

Global frame

my_variable 89

→ line that has just executed
→ next line to execute

Click a line of code to set a breakpoint; use the Back and Forward buttons to jump there.

<< First < Back Program terminated Forward > Last >>