1 . A Boolean value is either true or false. It is named after the British mathematician, George Boole, who first formulated Boolean algebra — some rules for reasoning about and combining these values. This is the basis of all modern computer logic.

>>> 5 == (3 + 2) # Is five equal 5 to the result of 3 + 2? True

>>> 5 == 6 False >>> j = "hel"

>>> j + "lo" == "hello" True

2. A flow chart is a graphical or symbolic representation of a process. Each step in the process is represented by a different symbol and contains a short description of the process step. The flow chart symbols are linked together with arrows showing the process flow direction.

3. One conditional can also be nested within another. (It is the same theme of composibility, again!)

if x < y:

STATEMENTS\_A

else:

if x > y:

STATEMENTS\_B

else:

STATEMENTS\_C