1. A Boolean value is either Ttrue or False, which is the basis of all modern computer logic.

3 different expression that result a Boolean type:

* x != y ... x is not equal to y
* x > y ... x is greater than y
* x < y ... x is less than y
* if name == “Huy be":
* print(“Hand some")
* elif name == “Huy big":
* even\_more\_handsome = True
* else:
* webbrowser.open(“<https://www.youtube.com/watch?v=04854XqcfCY>”)

A close up of a whiteboard

Description generated with high confidence

One **conditional** can also be **nested** within another. ... The outer **conditional** contains two branches. The second branch (the else from the outer) contains another if statement, which has two branches of its own. Those two branches could contain **conditional** statements as well.

if BMI<16:

print("you are severely underweight")

elif BMI<18.5:

print("you are underweight")

else:

print("you are normal")