**Q: What is Boolean? Write down 3 different expression that results a Boolean type (i.e. 5 == 6)**

A: Boolean in an expression that evaluates to produce a result which is either true or false, such result is called a Boolean value. In Python, the two Boolean values are True and False.

There are some common comparison operators in Python which produces a Boolean value, including:

**x == y**

>>> 5 == 3

False

**x != y**

>>> 5 != 3

True

**x > y**

>>> 5 > 3

True

**x < y**

>>> 5 < 3

False

**Q: What is a flow chart? Draw flow chart for the following code snippet: (you can draw on a paper, take a picture of it)**

if name == “Anh Quan":

print(“Hand some")

elif name == “Minh Duc":

even\_more\_handsome = True

else:

webbrowser.open(“https://www.youtube.com/watch?v=04854XqcfCY”)

A: Flow chart is diagram that represents a workflow, a system, a process or an computer algorithm.

**name == “Anh Quan”**

**Print(“Hand some”)**

**name == “Minh Duc”**

**even\_more\_handsome = True**

**webbrowser.open(“https://www.youtube.com/watch?v=04854XqcfCY”)**

**True**

**False**

**True**

**False**

**Q: What is nested conditionals? Write a piece of code that uses nested conditionals.**

A: Nested conditionals means that one conditional is being used within another.

if money <= 10:

print(“I’m on diet!”)

else:

if money < 100

print(“Boba tea!”)

else:

print(“Earl Gray double crème double pearls double jellies!”)