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

Boolean value is either True of False. This is one type of value or expression in computer language.

5 == 2 + 4

>> False

j = “hel”

j + “lo” = “hello" >> True

“up” + “s” == “ups” >> False

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

Flowchart is a tool to effectively plan code. Specific parts of the flowchart represent specific parts of code.

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”)

• What is nested conditionals? Write a piece of code that uses nested conditionals

Nested conditional is when one conditional is nested within another. eg.

**n = 5**

**for i in range(n):**

**for j in range(n):**

**if (j < n - i - 1):**

**print(" ", end="")**

**else:**

**print("\* ", end="")**

**print()**