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

In Python, the two Boolean values are True and False.

# 10 == (5+5) (True)

# 10 == 9 (False)

# n = “Tech”

# n + “kids” = “Techkids” (True)

1. 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 == “Huy be":

   print(“Hand some")

elif name == “Huy big":

   even\_more\_handsome = True

else:

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

A flowchart is a type of [diagram](https://en.wikipedia.org/wiki/Diagram) that represents an [algorithm](https://en.wikipedia.org/wiki/Algorithm), [workflow](https://en.wikipedia.org/wiki/Workflow) or process, showing the steps as boxes of various kinds, and their order by connecting them with arrows.

Print(“Handsome”)

Name == “Huy be”

True

False

Even\_more\_handsome

Name == “Huy big”

True

False

Webbrowser.open

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

One program structure within another, such as a conditional statement inside a branch of another conditional statement.

# if age >= 18 and age < 30:

# print(“gai xinh”)

# elif age <18:

# print(“nguy hiem”)

# else:

# print(“phu huynh”)