Read Chapter 5, section 5.1, 5.3, 5.5, 5.6, 5.7 and 5.10 of “How to Think Like a Computer Scientist: Learning with Python 3”:

<https://drive.google.com/file/d/1j29iupzwJ11P0Jujf_XzhcjTkN5DPRZZ/view?fbclid=IwAR3qG9z1oKBb3yxWLoKV5C81sV5hsG65ld1nPjZBEbBBHzA3pmde94uV7pA>

And then answer the following questions:

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

Boolean value is neither true or false and Boolean expression evaluates to produce a result which is a Boolean type value

Exp. 1. year = 2019

Lastyear == year - 1 => True

2. 8 != 8 => False

3. 1 == (0+3) => False

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>”)



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

x=int(input(“Enter a number: “))

if x > 100:

print(“big number”)

else:

if x > 50:

print(“normal number”)

else:

print(“small number”)