Question-1 [10 points]: What is the difference between a while loop and a for loop in Python?

1. For loops execute the body of code a defined number of times. A while loop repeats until its condition has been met.

Question-2 [5 points] (Research Question): What does "while True" mean in python?

2. While true means that the code will loop until the condition is false

Question-3 [5 points]: What is the significance of flowchart in Programming?
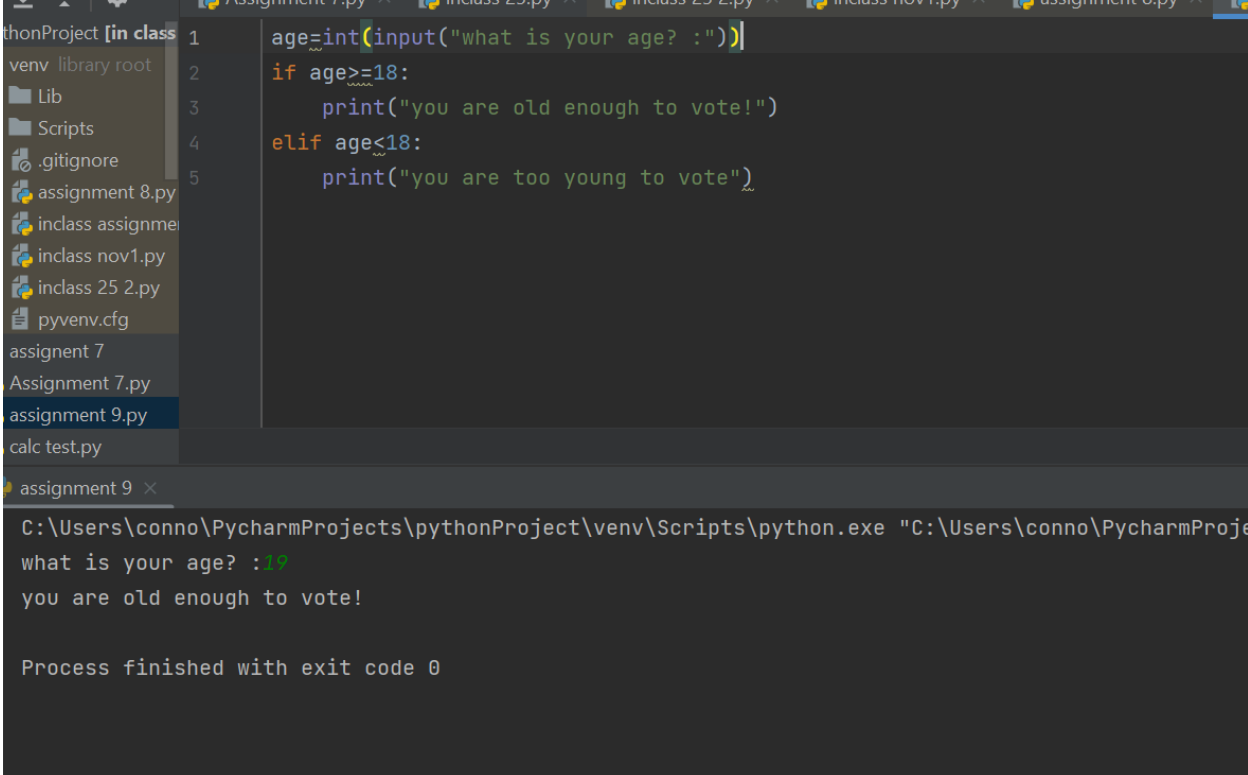
3. The flow chart is important because it gives a way for people to understand more clearly what the code is looking for and doing.

Question-4 [20 points]: Define the following terms in one or two sentence(s):

4. .
    a. Iteration variable- the variable that changes with the loop everytime. It could be the count down or the true false.
    b. Finite loop- a loop that happenes a certain number of times
    c. Infinite loop- a loop that continues until stoped
    d. Iteration or pass- this is when the program decides whether to run the code again or pass.

Question-5 [10 points] Using if-else condition, write a script in python to check whether a person is eligible to vote or not. (Please submit the screenshot for your script and its output)

5.