Mohamed Osama Fouad

3040 9182300659 G: 7 PAGE

No.: 218 DATE

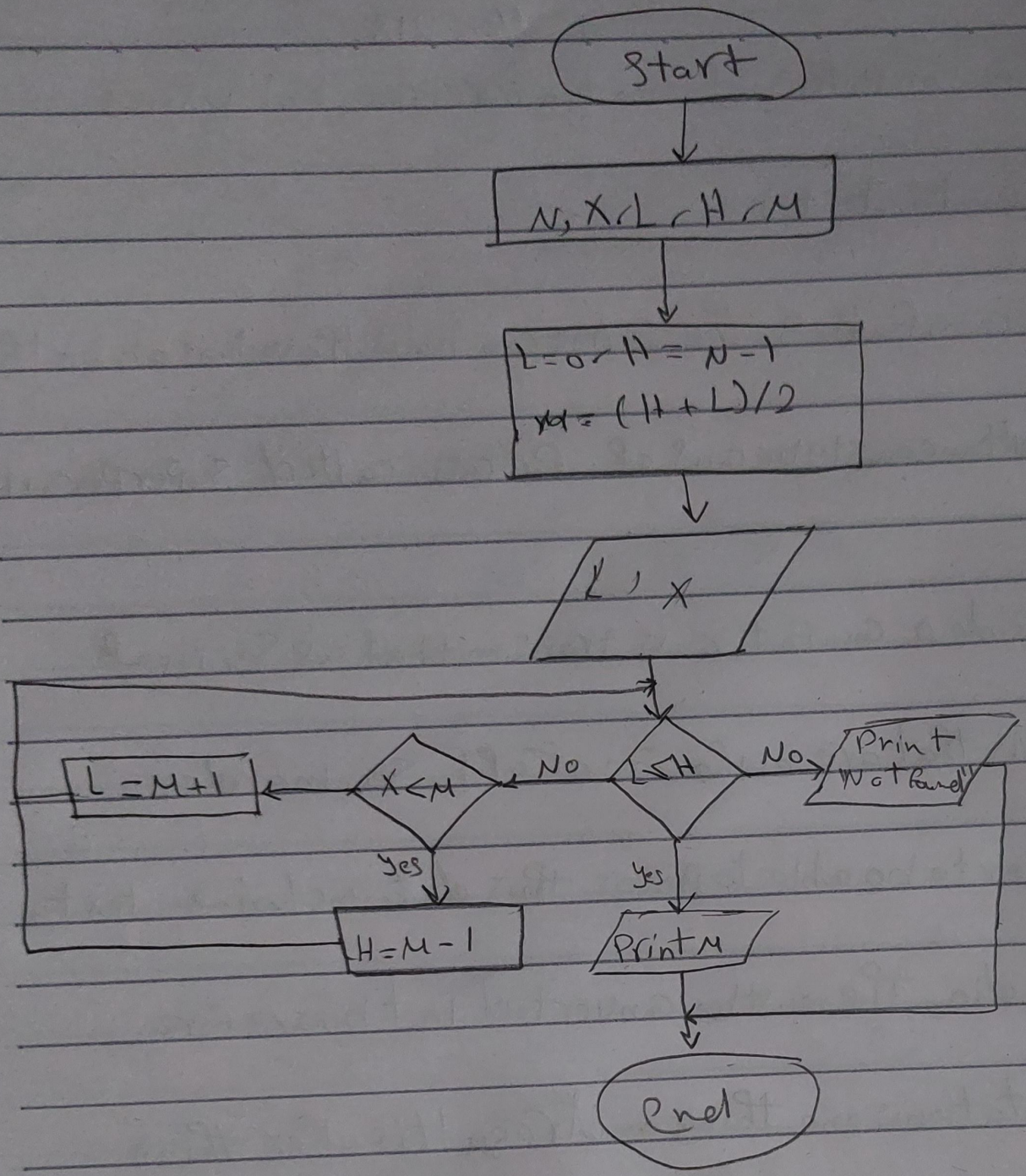
1- In Quantum Computers information is represented using Qubits (Quantum bits)

In Quantum computing, the Qubit can have the values of both 1 and 0 simultaneously because of Process called superposition

2 All data inside a computer is transmitted as Serieal electrical signals that are either on or off. So, in order for a computer to be able to process this data, including text, images and audio, they must be converted into binary form.

3 If our expectation is one thing and result is other thing than that kind of error is called "logical error".

let's say that we want the sum of 2 numbers but the given output is their multiplication this is said to be logical error.


Start
N, X, L, H, M
L=0, H=N-1
M=(H+L)/2
L, X
L<=H
No
Print Not Found
X<M
No
L=M+1
Yes
H=M-1
Yes
Print M
End

PAGE

DATE

5] Maclurine Srs of $\sin x = x - \frac{x^3}{3!} + \frac{x^5}{5!} - \frac{x^7}{7!} \ldots$

$T_n = \frac{x^2}{n(n-1)}(-1)^n$