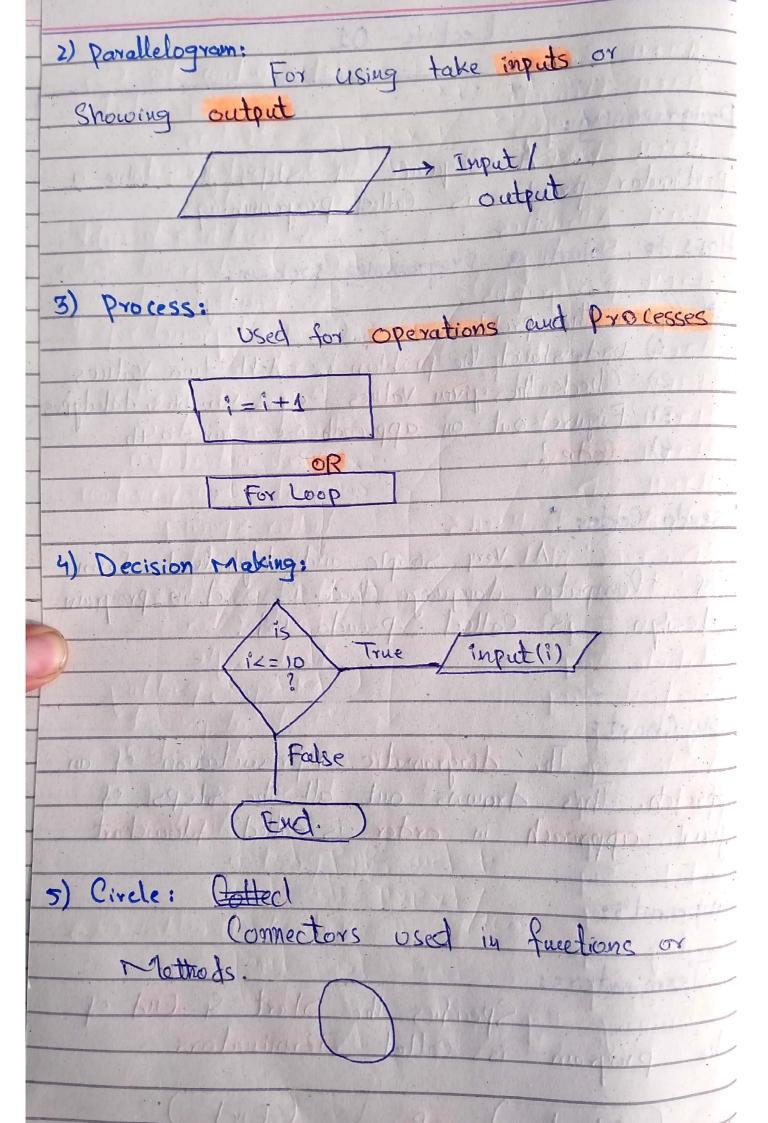
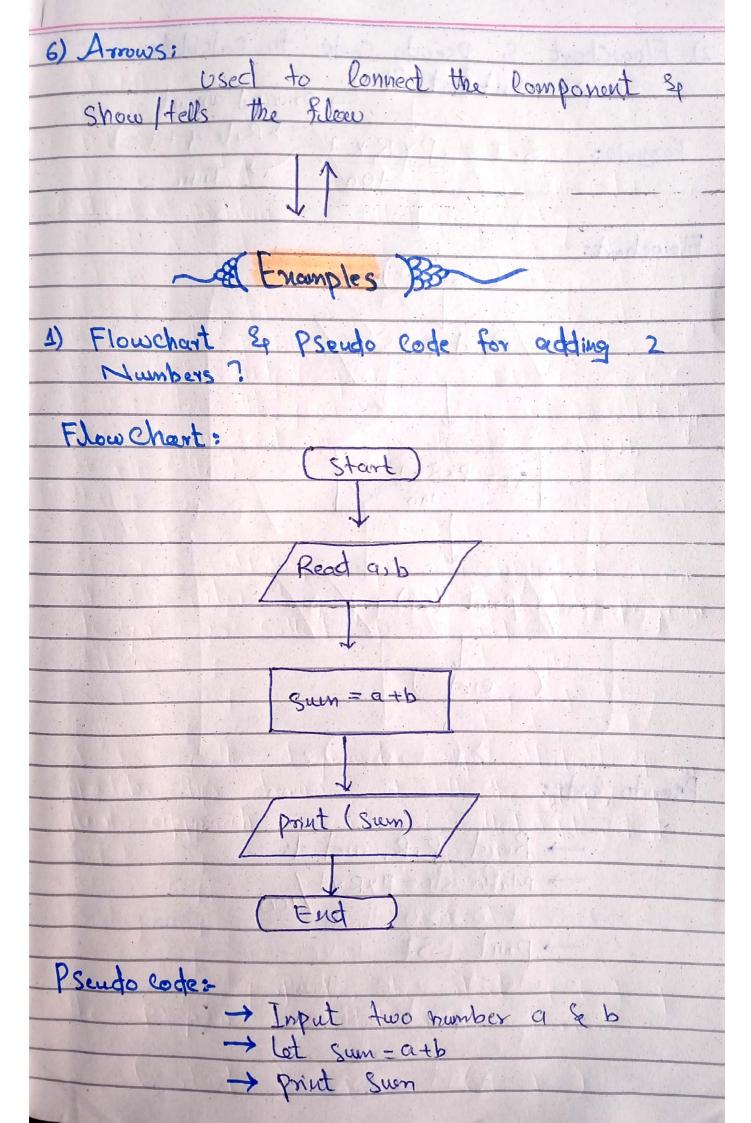
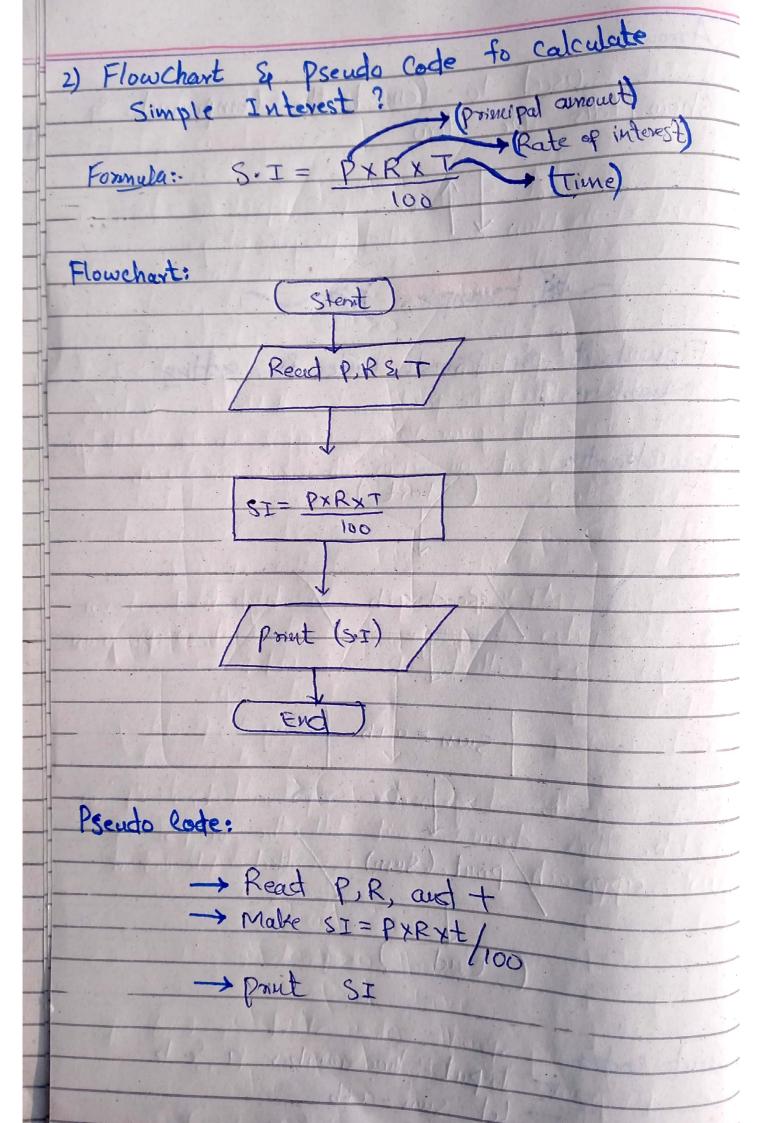
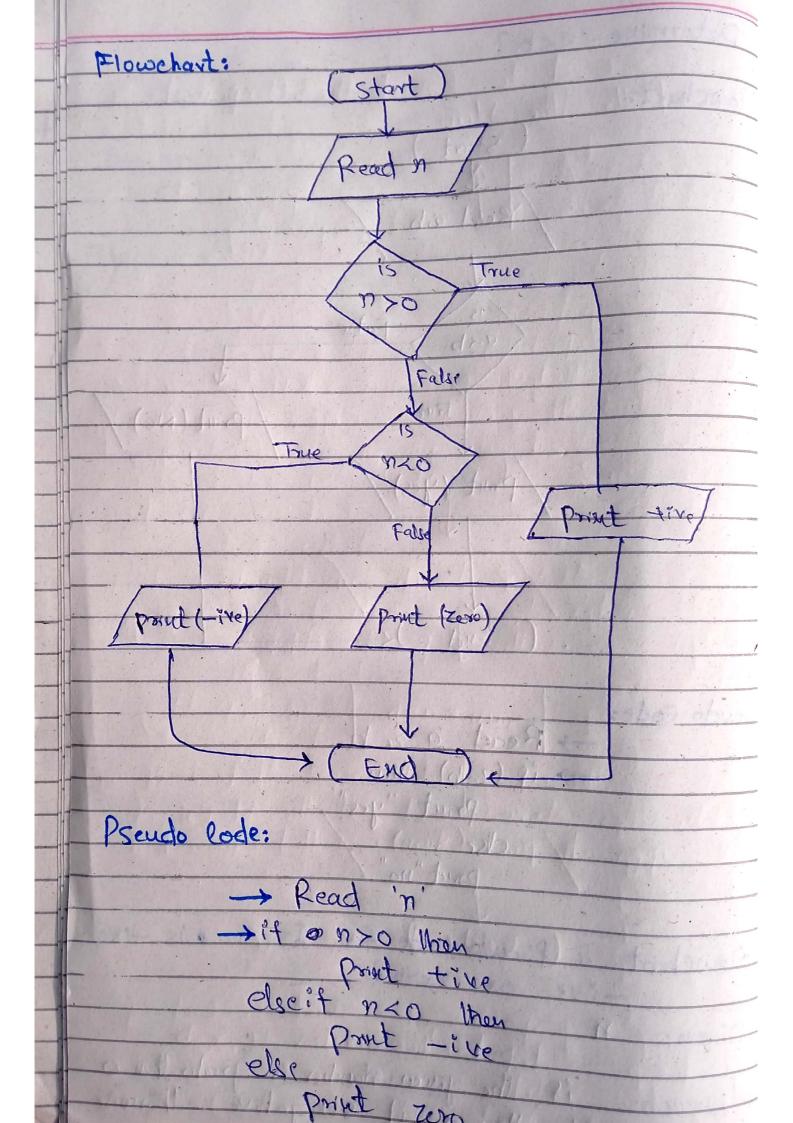
DSA
Lecture - 01
The same of the sa
the tree publicates
A Sequence of Steps to Solve a
Programming: A Sequence of Steps to Solve 9.  Particular problem is Called programming
How to Solve a programming problem?
-> Given the problems
1) understand the problem is Ack two values
2) Cheek the given Values 1-e 2 Variables, datatypes
2) Check the given Values i-e 2 Variables, datatypes 3) Figure out an approach i-e Sum = a+b
4) Pode?
Pseudo Code:  A Very Simple and high level form
of lamouter language that is used in program
decien is Called Pseudo Code.
of lomputer language that is used in program design is Called Pseudo Rode.
Flow Chart:
The diagramatic representation of an
approach. This drawns out all the Steps of
The diagramatic representation of an approach. This drawns out all the Steps of your approach in order is called flowchart
Components:
The second secon
1) Terminators:
the program is Called Terminators
the program is called Terminators
(Stant) OR (End)

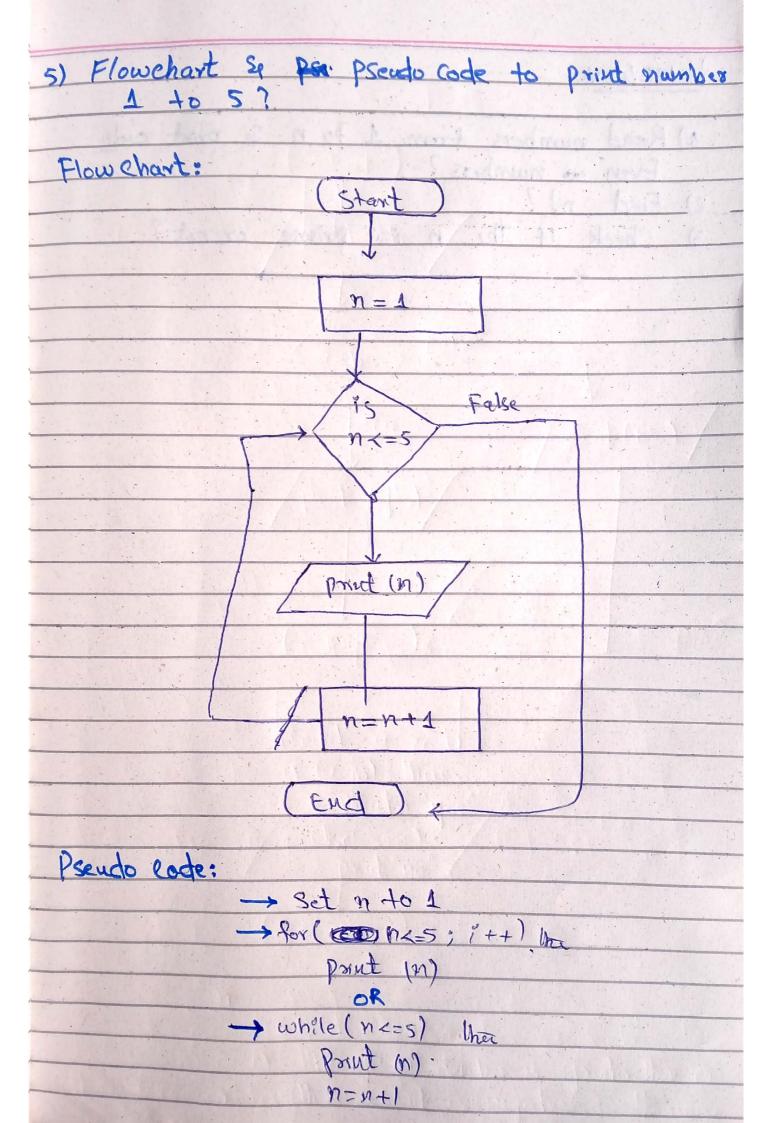






3) Determine 9 <b!< th=""></b!<>
Flowchart:
(Start)
Read asb
arb False
True priet (No)
Print (yes)
(Eng)
Pseudo Code:  Read 9 % b
-> if (alb) then
Prant "yes"
elsc
privet "no"
1/3/5/5/9
4) Flowchart & Pseudo code for Is no is tive,
-ive or zero?
Given: n
A TAKE THE CONTRACT OF THE CON
Approach; if the given number is greater the
Approach: if the given number is greater than o it is tive or less them 2 it is negative otherwise
Zem





What is programming language?
A programming language is a way to Communicate with a lamputer. It is a formal language which langist of sets of strings that produce various kinds of machine output
E-g: C, C++, Java, Python, R, Go etc.
Syntan: Every language must be written following Some rules called Syntan
A Computer only understands binary leader of O's Ex 1's. A Compiler processes the Statements of a programming clarguage into machine code
Source code de Compiler Dinary Machine Code.
Computer (ene)

## HOME WOOKE 1) Read numbers from 1 to n & print only Even en numbers? Find n Check if the prime or not?