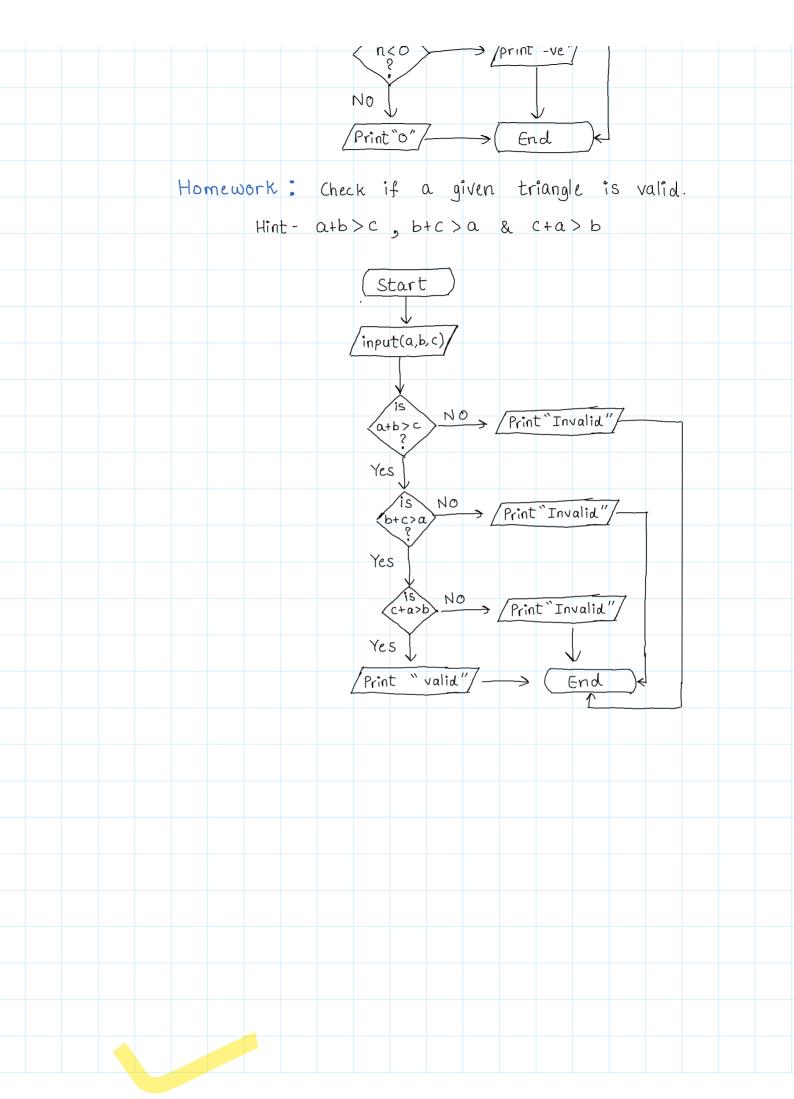
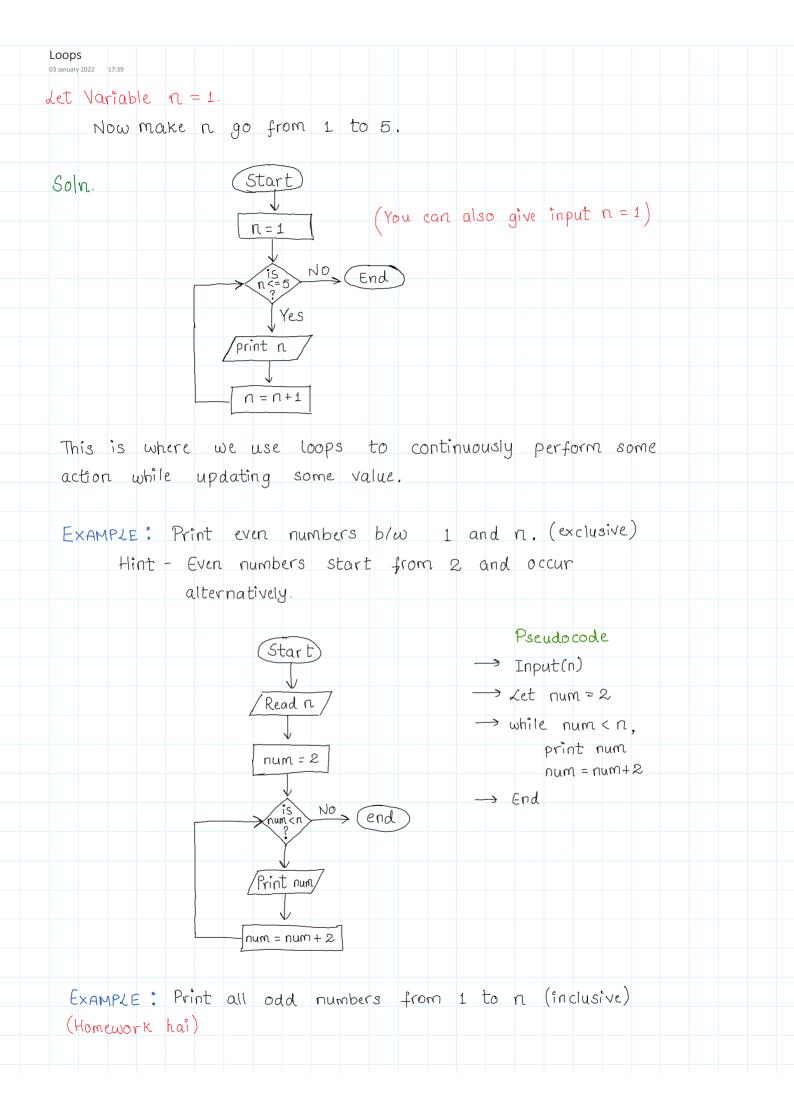
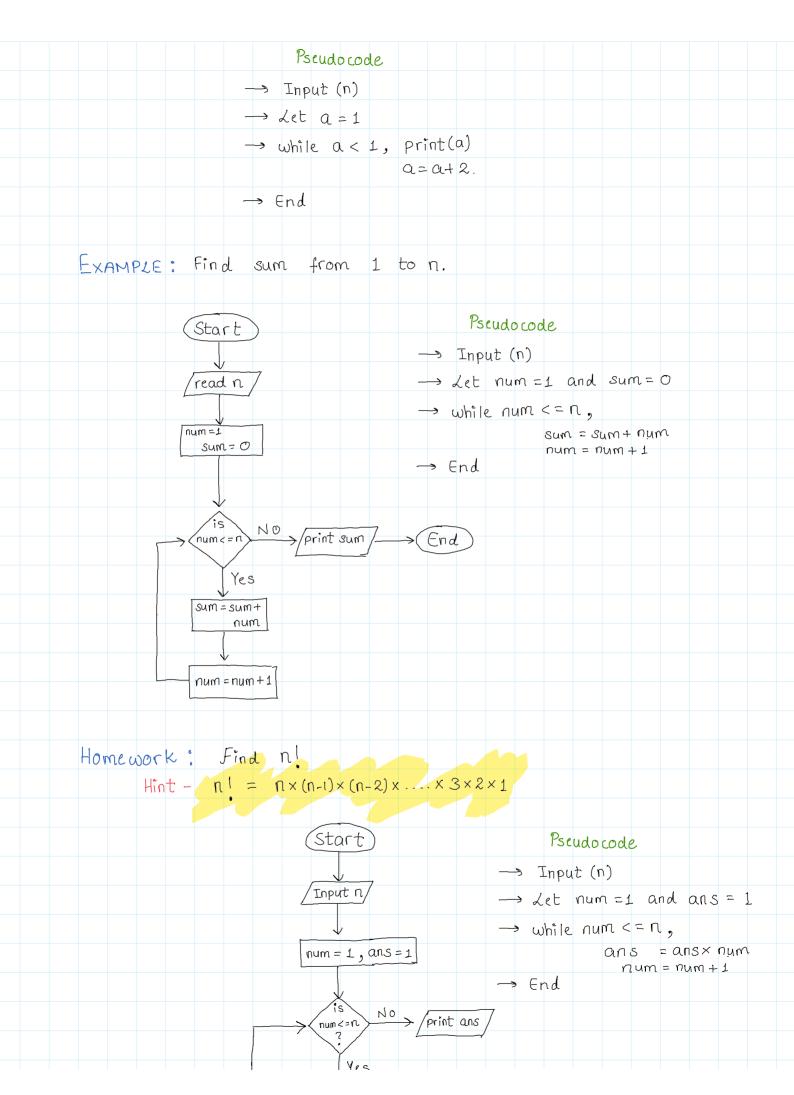
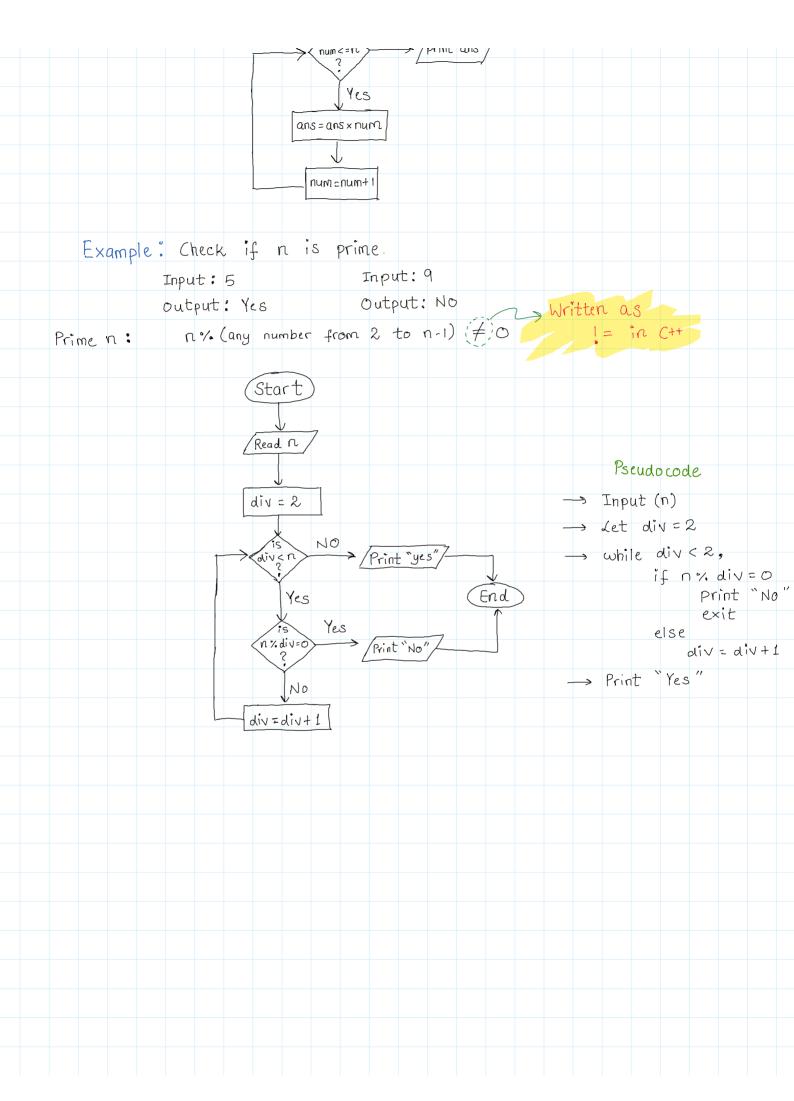


NEW CONCEPT: % (modulo) operator Gives the remainder after division a/b. .. a % b = Remainder of a/b. Eq: 5%2 = 1 6°/. 4 = 2 8%4=0 * 4% 9 = 4 when a>b, a% b = a. .. If n% 2 = 0, n is even else n is odd. EXAMPLE: Check if n is even or odd. Start /input(a) is Yes print Yes" / Print "No" > (End EXAMPLE: Is n positive, negative or zero. Start Input(n) Yes > /Print "+ve"/ No Yes /print "-ve"/ n<0









Programming Language 03 January 2022 What is a Programming Language? -> Jaise khaana khaane ke liye mummy/papa ko bolna padhta hai, vaise hi we must instruct our computer to perform some task for us. -> More formally, a programming language is a way to communicate with a computer. It is a formal language which consists of sets of strings that produce various kinds of machine output. Eg: C, C++, Java, Python, R, GO, etc. #includeciostreem: using manespace std; // main function -=> This code in C++ instructs our // where the execution of program begins int main() computer to print "Hello World" on // prints hello world cout << "Hello World"; our screen. return 8; Output: Hello World Source: https://www.geeksforgeeks.org/writing-first-c-program-hello-world-example/ -> Every language must be written following some rules called syntax of that language. > A computer essentially only understands binary codes of Os and Is. A compiler processes the statements of programming language into Machine Code (Binary). Source Code -> Compiler / -> Binary / Machine

