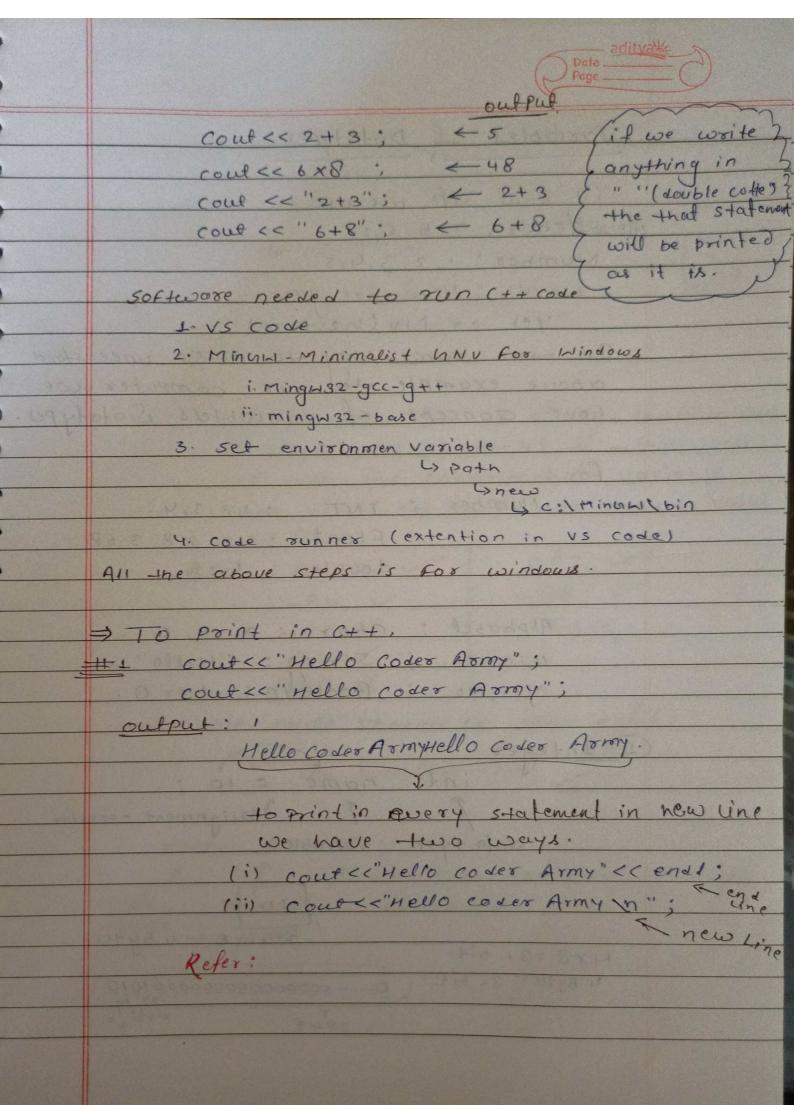
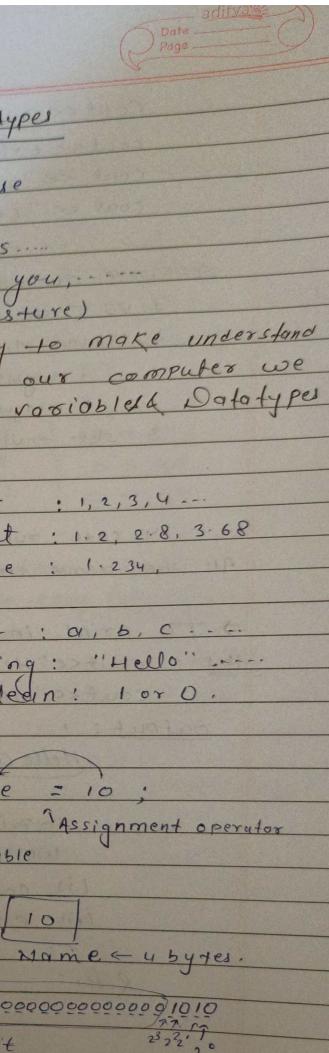


- stooting with C++ computer memory unit compiler pseudocode Howcharts -) if we have any problem, first we thin understand problem and computer build logic and then write Pseudocode or flowcharts and the , we write code (in c++) and that code is given to compiles to convert that HLL code to machine Level language so tha computer can understand and perform actions. => Use of compiler - convert code MLL to MLL - check error incode - optimization B B LE ON 2, 12 2 computer understand only 1 Bit -> Bionary representation Binary. 8 Bit = 1 Bytes 1024 bytes = 1 KB (Kilo bytes) (210) 1024 KB = 1 MB (Mega bytes) 1024 MB = 1 MB (Mega bytes) (2'0) ITB (Texa bytes)

1024 413

4-> 100 10 -> 1010 if we have to store numeric data we can store it by converting into binary representation but if we want to store Alphabet then how can be store it, here comes "ASCII Table" which stokes a unique no. to every character. e.g. A → 65 a -> 97 B -> 66 c -> 67 Refer: ASCII Table (from internet). (American Standard code for information Interchange) Write First code in C++ . # include < iostream) flow charls using namespace std; Start wain () -> Sta: Cout << " Hello coder Army"; we do not cout << " OM"; name space sta then we have to swrite. 'using namespace sta" neader then we don't need to write stall cout <<

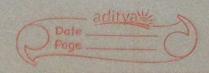




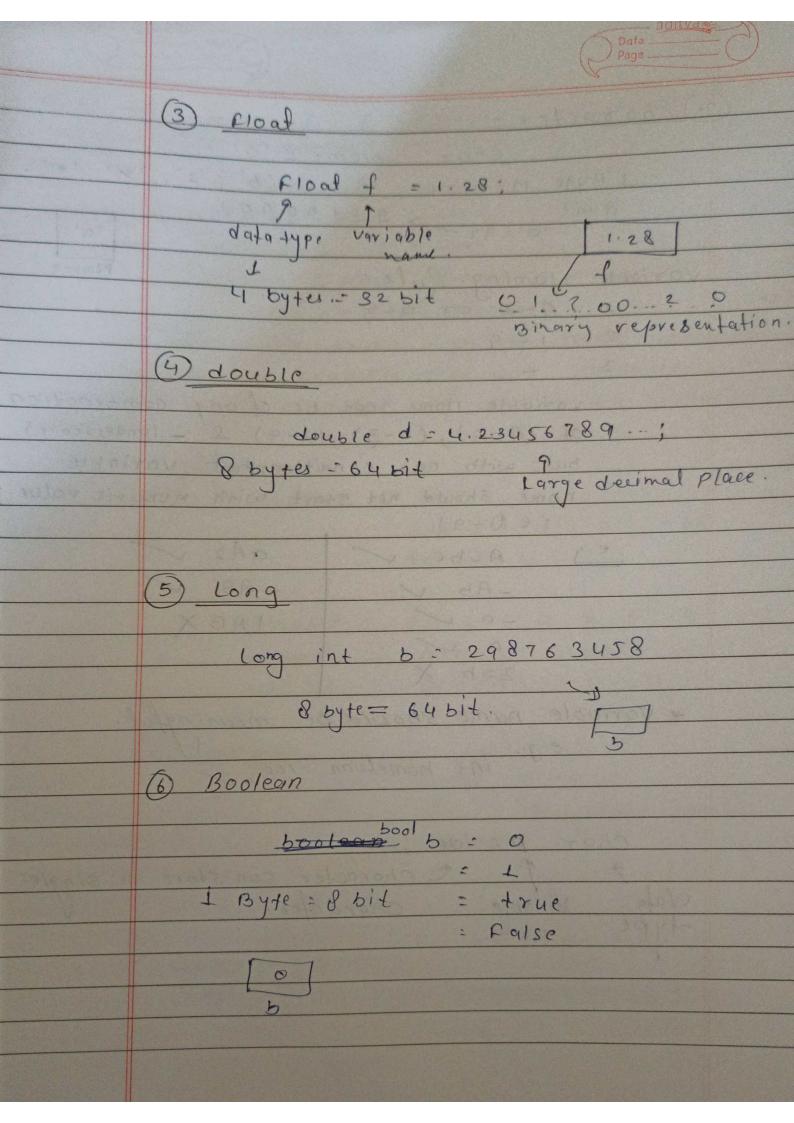
Variables & Datatypes in Real life we use Alphabettchar: a,b,c,... Number: 1,2,3,4,5... yes or No (nesture) In the same way to make understand apone example 10 our computer we have concept of voriobleth Datatypes. Number: INT: 1,2,3,4 ---Float: 1.2, 2.8, 3.68 double: 1.234, Alphabet: Char: a, b, c... word: String: "Hello". --yes, No : Booledin: 1000. Integer

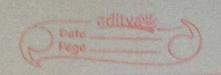
int name = 10;

Assignment operator data type Variable 4x8 = 32 bit 4 Bytu = 32 bit 28 bit 23 22' 10



The state of the s		
(2.) Character:	
	Char Name = 'a'; 1 Byte Memory 'b', '1', 'x', 'x'. 8 bit 2 1 1 0 0 0 0 1	
	'a'= 97) (9'
	Voriable Naming. Rule:	Maine
En	Varioble Naming Rule:	
act of	2. 1-9	
	3. –	6111054 (72)
	variable name can be of any combination of $(A-Z)$, $(q-3)$, $(v-q)$ & - (underscore) but with one condition, that variable name should not start with numeric value. i.e $(v-q)$	
300		
	eg A-bc	aA2
	-Ab V	-AB V
	-a V	IABX
	av	pr. 3 1
	2ab X	
	* Variable name should be meaningful. e.g.; int hometoon = 100; Char p = '00'; X g. f. character can store a single Vala Variable character. Type name	
	Hype name	





Comments

11 + two stace represents comments in our program comments is used for documention, and that will be ignored by the compiles. int main () int acro; Il variable declaration int bol b=10; inta, b, c; 01 21013 b = 20; C = 30; Coute a+b << enules a+ c << enul Negative Number = 23, 57, 128 0,1,2,3 1 000 = \$ -4 00 0 10

