Date 20 Sep 2023 8000 Page (1 Computer Memory Unit Flowchark Compiler is also do error handling and optimization. How things stone in transistar? 1 Bit - 6 10 110 00 0 11 000 Smallest Unit = 1 Bit = 1 Bit = Binary 8 bit = 1 bytes 1024 bytes = 1 KB 1024 KB = 1 MB 1024 MB = 1 GB 图 2 6 GB = 1TB 2" TB = 1PB We can't stone A' directly in the transister. So, we convent A allocate 'A' a 7 no, that is 65, SON A = 65 = 1000001 B= 66 0,0 C= 67. =1

Date 20 Sep 2023 2000 Page 12 Now ASCIT Table comes in the picture that contains the equivalent number of things that are not number. 1 It is valid globally. First code in C++ * # include < iostroam > -> Headers File > int main() Std:: Cout < " Hello. CA +"; (After using this line, now std not requires) Cout << 2+3; LL - Insertion Operator 1 Vaniables & Datatype * Chan: a bic Number: 1, 2, 3,4 ward: However you say Yes on No (Cresture) Datatypes int name = 10; =) Data type variable 10 00 0000 --- 1010 Name - 4 bytes

		Date 208ep 2023 E 50593200 Page 13
we	2.	Chan (Name) Ly Variable
	=	Name should be readable & easy to understand.
le .		Ex: chan c = 'a';
es?		(a) 1 by le = 8 bit
	=	97= 011000001
(00	3.	Float: 1,2, 2,6, 7,823 L 4 bytes = 32 bit
	4,	double d= 4,93256789012 These are used when we have
	5,	long int -> 8 bytes
	6.	Boolean b = 0, 1, frue = false;
	7	For hegative numbers, we give half no. of bits. for Ex: 2 ³² - 2 ¹⁶ 2 ¹⁶ For -ve For +ve no. no.

