Date 24/11/2023 Day - 61 Pointers in C++ suppose we write a code like -=) int a = 10; So, will we want to print this a' then how the compiler will know where is a It can find a by the help of address So, now how it will get the address It can be get the address from the symbol table. Symbol Table variable Address let suppose, you have 4 GB nam and there is a black of every 1 Bylo in your nam & your momory is byte addresself.
So, you have to give 232 address.

46B = 232 byte

Page H Scrif you have 8 byte RAM then So, 8 byle = 23 byto Souve require 3 bits to address and location. So, in YGB RAM, we require 32 bits. So, if you have & GB RAM (233 bytes). Then we don't use 33 bit instead use \$ 64 bit system. Because if the we use 33 bit then there are the chances of errors in memory management. We use every thing in 2:2' (2 ki powers mei). So, the stored to in the memory will take = 4 bytes of storage or space. rere print If we want to prevent address of any asable · cout << & a; To store this address, we use pointers. =1

Page Suntax: data type * var hame; int *pln = &a; pla exk variable hai jo point kar nha hai ek int type ki value ko. ptn Ox - in the address shows that the address is in hexa decimal. The address is store in Binary form = but print in Hexadecimal John -If you have 4 GB RAM then the size La pointer is 4 byte. And if you have more than 46B RAM than the size of pointer is of 8 byte Then what is the use of mentioning =) dataypo in at the time of initializing This is use to tell the painter how much it have to read after = Exi if the type is int then it will read 4 byte if char then 1 byte & so on.