

Pointers

By Prince Agarwal
[“ Hello World ”]

POINTERS

Let suppose,

`Int x = 20;`

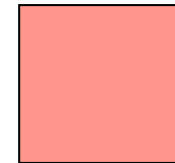


A special type of variable called **POINTERS** that stores the address of that variables

To define a pointer variable —>

`Int *ptr;`

`ptr`



Interpretation :-> Here **int** defines that, `ptr` contains the address of that variable whose datatype is integer

ptr is designed to store the address of another variable

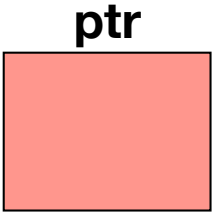
POINTERS

Let suppose,

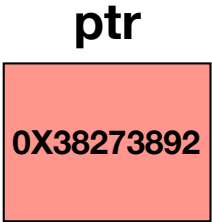
Int x = 20;



Int *ptr;



ptr = &x;



int *ptr = &x; —————> This is also right

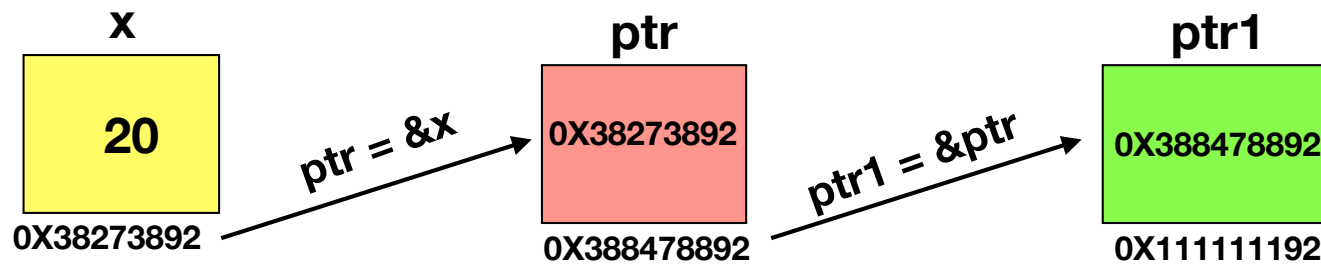
Int ptr; —————> This is pointer not variable

Int *ptr; —————^{Value}————> 20

POINTERS

Let suppose,

`Int **ptr1 ;` → There's a variable **ptr1** which stores the address of pointer type variable.



POINTERS

Let suppose,

	0	1	2	3	4	5	6
int a[] =	1	0	0	0	1	0	0

```
int *ptr = a;
```

Or

```
int *ptr = &a[0];
```

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Hello World

*“ If you feel any problem then comments in my video
I will reply as soon as possible “*

- Prince Agarwal