

## FUNCTIONS & POINTERS

~~type~~ func-type func-name (pointer);

- \* when an array is passed to a function, actually a pointer to that array (`a[,,,]`) i.e. `*a` is passed and NOT the array itself.

### DOUBLE POINTER

int \* p = &v;  
type of int      pointer

So, if **I** pass address of one pointer to another,

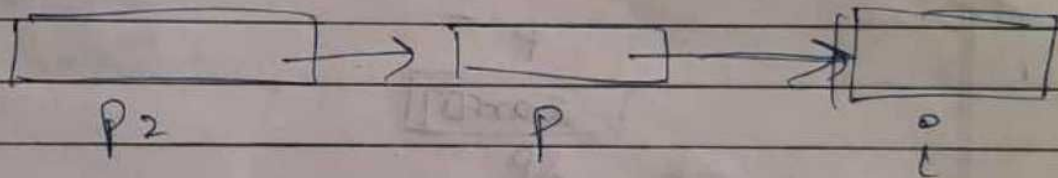
int \*, \*p2 = &p ;

type of p      ↳ pointer

or,

int \*\*p2 = p ;

Double



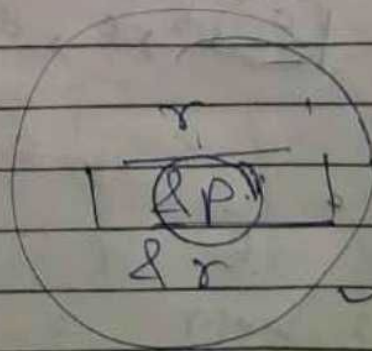
var	a	p	q
val	100	&a	&p
add	8a	2p	2q

int b

b  
100

\*(&q)

&&a



int \*r = &p ;

