## -> Swati Mall-ste -> Computer Science and Engineering-ste -> LE Semester-ste

-the Duray of Painters:

Pointer can be arrayed like any other data type. The declaration for an int pointer array of dize 10 is,

int \*x[10];

\* To asign the address of an integer raviable called var to the third element of the pointer array, write

2[2] = &rox;

\* To find the value of var, write

\*x[2]

\* Example: WAP to input and point data using average and pointer. #include ( stdio h)

void main ()

{
 int i, a[s], \*p;
 p = &a[o];

for (i=0; i<=4; i++)

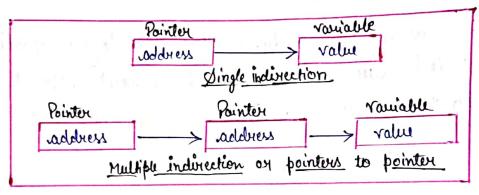
 scanf ("fod", p+i);

for (i=0; i<=4; i++)

 printf ("fod", \*(p+i));

- Pointer to Pointer:

You can have a pointer point to another pointer that points to the target value. This situation is called "multiple" indirection", or "pointers to pointer". \* Declaration of pointers to pointer, type \*\*name;



To carries the target rates inclineally pointed to by a pointer to a pointer, you must apply the asterish operator tuice.

For example: int main (roid) int 12, \*p, \*\* 4 3 p= &n; 9= & P; print( dod", \*\*a); return 0;

Output: 10