0] int no= 11; int \*p= &no; int \*q = &no; int \*+a = &p;

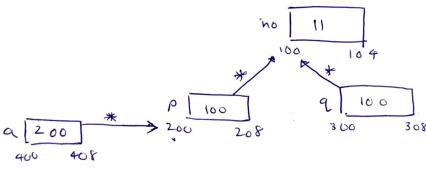
no is a variable of integer data type, having value 11 assigned to it.

P is a pointer which points to an integer, corrently it holds address of no.

a is a pointer to pointer which points to a pointer,

q is a pointer which points to an integer; whenty

a is a pointer to pointer which points to a pointer, corrently it holds address of P.

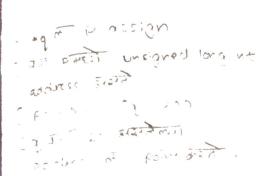


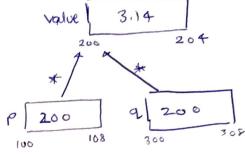
Q2] Float value = 3,14; float \*p = & value; foliat \* q = p; float ans = \*p +\*q;

I value is a variable of type Hoat, having value 3.14 a stigned to 14

I p is a pointer which points to an float, currently it holds address of value.

19 is a pointer which points to a float &, corrently it holds the value of P (i.e. adares of value) gas is a variable that holds the addition of \*p++9 ie (value+value)





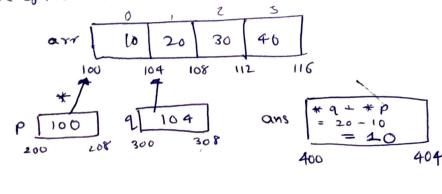
(3) int arr[] = d 10,20,30,409; int \*p=arr; int \*q = arr+1; int ans = \*q-\*p;

gar is a one dimensional array, which contains 4 elements, each element of type integer.

Ip is a pointer, which points to an array of 4 elements, corrently it holds address of arr.

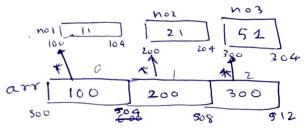
I q is a pointer, which points to an array of & elements, currently it holds address of arr+1.

Jans is a variable of type integer assigned with (9-\*p) expression.

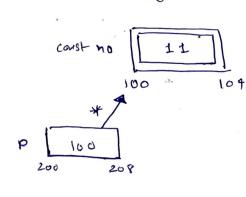


-

- 04] int no1=11, no2=21, no3=51; int \* arr[]=(&no1, &no2, &no33;
- of type integer assigned with values.
- Jarr is an one dimensional away, which consists of 3 elements, each Blement of type pointer unsigned long int (it stores
- I this is an array of pointers which stores addresses of same data type.



- 05] const int no = 11; const int \*p = & no;
  - of no is a variable of type integer & qualifier const which has been assigned value 11.
  - I p is a pointer, which points to an integer constant, currently Et holds address of no.



of just no = 21; int \* const p = & no; I no is a variable of type integer, which has J's p is a constant pointer, pointing to points to an integer, corrently it holds address of no. P 100 104 at const int no = 11; const int \* const p = & no; I no in a variable of type integer & qualifer const, which has been a ssigned value 21. ] p is a constant pointer, which points to an integer constants correctly it holds address of no. constint no 11 coust p 100 208 Q8] const in no = 11 ine const + constp = & no; I ho is a variable of type integer & qualifier const which has been assigned value 11 I P is a constant pointer which points to an constant integer, purrougly it holds address of ho.

char + q = & (arr[o]) char \* r = &(arr[3]) · ] arr is a one dimensional array, it consists of four elements, each element of type char I p is a pointer mulich points to an array, character, Corrently it holds an array of characters I q is a pointer which pointer to an character, arrently it holds address of our element of array. 'arr' ] r is a pointer richich points to characters, currently it holds address of # 3rd element of array arr. p 100 9 100 apo double arr [] = { 12.3, 1.23, 12.8 }; double \* p = arr; dian \*q = & (arr [0]); Char \* ~= & (arr [3]); Jour is a one dimensional array rit consists of to 3 elements each element of type double. I p is a pointer, which points to double data type, correctly it holds address of arr. of A character pointer count point to an double value i] A character pointer cannot point to an double value

@g] char arr[] = { 'a', b', 'c', 'a'}

char \* p = arr;