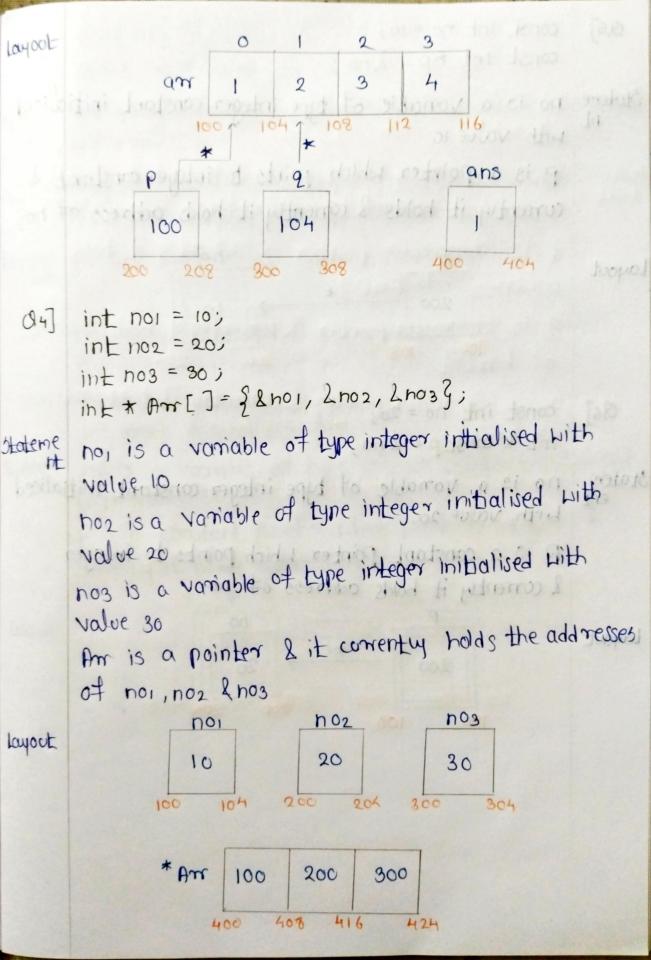
Write the statement reading which describes below syntax & draw it's diagrammatic layout. Oil int no = 10; int \* p= & ho; int \* 2= &no; and o storov o el mov int ++ a = &p; no is a variable of type integer initialised with statem. value 10 tools of during but outring a 21 p is a pointer which points to integer & comently it holds address of no. 2 is a pointer which points to integer & corrently it holds address of ho. a is a pointer which points to pointer & currently it holds address of p. Layout or o'old from thick has a epoply ead of ) totter i toute which points integer & conceptu it Colmo to conclup shoot a pointer which points integer & concertly it (1) m to 200 400 ,4081 Mr inter initial sel one is a variable of \* to wor did

927 float value = 3.14; float \* p = lvalue; float + 2 = P; float ans = \*p + \*2; stateme value is a variable of type float initialised with value 3.14 p is a pointer which points to float & currently it holds address of value. g is a pointer which points to float & comenty it holds address of p \*p+\*2 -> Not Allowed control ellowed I value in a drup bill ofig o al p Layout 3.14 (\* 100 (\* 200 100 104 200 208 300 308 blod li int am[] = \$1,2,3,4 }; (3) int \*p = am; int \*2 = 9m+1; int ans = \* 2 - \*p; ar is an Array which has 4 elements each of Stateme type integer. p is a pointer which points integer & currently it holds address of am [o] 2 is a pointer which points integer & conventy it holds address of am[1] ans is a variable of type integer initialised With value of \* 2-\* P



const int no = 10; 0,5] const int \*p= &no; Stateme no is a variable of type integer constant initialism with value 10 p is a pointer which points to integer constant 4 currently it holds & corrently it holds address of no. Layout 200 100 (36) const int no = 20; int \* constp = 2 no; it to slope or a int Statem no 13 a variable of type integer constant initialised Lith value 20. P is a constant pointer which points to integer & currently it holds address of no ho A phonot 1 7 20 0000 200

108

const int no = 30; 07 const int const p= & no; no is a variable of type integer constant initialised Stater with value 80 p is a constant pointer which points to integer constant & comently it holds address of ho layout dood to properly outrion conocerdo di s 200 | \* 30 | 200000 100 108 200 204 08 const int no = 50; carion reboros i e int const \* const p = &no; no is a variable of type integer constant initialised Stateme Lith value 50 P is a constant pointer which points to integer & corrently it holds address of no. Layout 200 50 200

(39) chan Am [] = { 'a', 'b', 'c', 'd', 'e'};

char \*p = Am;

char \*q = l(Am [0]);

char \*r = & (Am [6]);

State

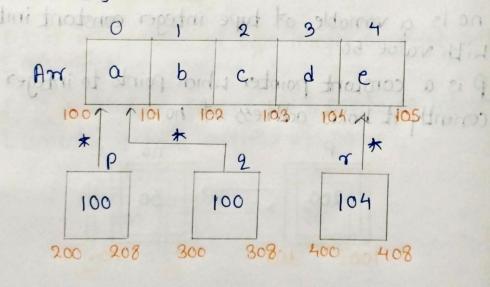
Arr is an Array of type character which contains 5 elements each of type character.

p is character pointer & comently it holds address of Am[o]

2 is character pointer & corrently it holds address of Am[0].

of AM[L].

Layout



double Am [] =  $\frac{10.5}{20.6}$ ,  $\frac{30.2}{3}$ ; double p = Am; double q =  $\frac{10.5}{20.6}$ ,  $\frac{10.5}{30.2}$ ; double q =  $\frac{10.5}{20.6}$ ,  $\frac{10.5}{30.2}$ ;

Layout

And is an Array of type double which contains 3 elements each of type double.

P is a pointer of type double & comently it holds address of Arr[o]

Q is a pointer of type double & comently it holds address of Arr[o]

T is a pointer of type double & comently it holds address of Arr[o]

This is a pointer of type double & comently it holds address of Arr[o].

