Reference main() { c'~t int a = 10int & ra= areference 1's withelizest define a reference it can not be variable. Changed to Leter to some other variable. - Reference much always be vitidized.

const wit X = 10; can not here to constant och my 8 ex = X:X vous coursent Constant reference Const int & crX = X; mt b=10; 1 (405) CVb const int of cob = b; rock do constant value. Hence can't change it. (8b= 100) X ->

mt C= 100; C 82C 1100 / 2C% int for = c; 225 mt } 28C = 2C; vit & 82 C = 5

a variable in which we can int x, 4, 3; store southfile relues of same type. Six of array (max number of elements that can be stood) is divided at complike time. vanishe name [ size ] mendatory datu-type a rocy name of dements in array type of each dement of crocy.

at 1,2 an assail 89 a1 [5] 5 dements, each A type int. memory for allocated in a single memory block cach array diment is sirin a unique molas/subscribt na

array subscript Spercher

a2[5]={1, 2,3,4,5};

wit 93 [5] = \$1,2}.

int a 4 [3]; \_ un initialized array

garbege if local, O if global or state global de etatre local.

vit a 5 [] /X - Synder error, six missing. mt a6[]= {1,2,3]. /= create an

= sumber of variousliger high.

a Accept in elements from wer, store them in an areay. Find sum of 'n' elements. # vir clude 2 io storan> int racinc) { int nos [ (00); std: cout << " How many mos (<= 100)"; 3 while (( & > 100) )) ( & <=0));

Std: cout << "Enter" << n << " nos"; for ( int C=0; i < n; ++i) { 8 sta :: cin >> nos [i]. sum += nostil mt sum = 0; for ( wit c=0; (< n; ++i) } Sum = sum + mos [i]; => += stel: cout << "Sum is "<< &um; Jehm or

Using VLA - Vericola Langth Mesay 100 cim () { int n; sta: cin >> n; // tre valu only mt nos [n3; < VLA

# in clude < i optream> read Element (int rosC), int n); const int MAX- NUMS = 100; ist nos [MAX-MUMS]; wit n = get ratid Count (MAX\_NUMS); read Elements (nos, n); ofd: cout ex' sum in " LL enn A; rehr o;

void read Elements ( int nos [], int n) ? SIX 13 not required, as arocy are of parsed as array to function. for ( int C=0; i < n; ++i) { 8ta:: cin >> nos [i].