Static Memory Allocation; when we allocate momory at compile time. Day - 71 Dynamic Memory (20 - Array) Allocation ! For 1-Danay - int *ptr = now int(1); 2D-array is the combination of 1-Damay. So, we can create 1-Darray int *ptn 2 = new int (4) int +ptr 3 = new int C47 int *ptr 4 = new int C4] int *ptn s = now int (5] But what if we want 100 now in our 2-0 array then we can't do above method so, for this we can create a array that stones addresses. pth =) pln is a 100 phol double pointer. 200 ptra 300 ptr3 1406 400 ptn 4 500 pts S sor by using phrime can access any now. let we want to access 8 then, *(*(ptx+2)+1) -> ptx(2)(1)

Bath are same.

for creating 2Darray; int * * ptr = now int * [n]; for lint i= 0; ich; i+t) ptr(i] = new int (m); fanl int i=0; i<m; i++) for (int j=0; j < mijtt) cinn ptaciacia For releasing memory, for (inti= 0; ich; gitt) delete [] ptn [] i into co etalob -) 3d array rtg for accessing 4, ptnC1)cojeij *(* (*(ph+1)+0) }+1)

int *** pto = new int **(1)

to create

fan(i=0; i<1; i+1){

phn(i] = hew ind + (8);

fan(j=0; j<8; j++)

phn(i)(j) = hew ind(H);