-> Stack and heap

2100ps

>> Dash board Question

Memory management

RAM

p & void main ( ... ) {

int a;

a = 2;

int b = 3;

int c = 6;

int could new int [6];

ass [2] = 10;

int ara 2 [];

3

age 2 = age;

Stack

Heap

- 1) Function calls
- 1) storing painitive date type

5

nxI

n ×2

n ×3

h x y

n x S

N X 6

*i* .

h x 10

Take input

2 Ada

Given an array of N integers find the number of mountains in the array. A mountain is a tuple (i,j,k,l,m) such that i < j < k < l < m and Arr[i] < Arr[j] < Arr[k] > Arr[l] > Arr[m]. As the number of such mountains can be large print number of mountains modulo 1000000007 for(int;=0; i< a.length-4; i++)? for (int i=i+1; j < a. length - 3; j++) { for (int k=j+1; k < a.length-2;k++)

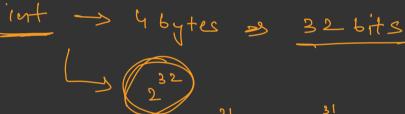
for (int i=1; 
$$i < 5$$
;  $i + 4$ ) {

if (  $i = -3$ ) {

continue;

3

2yso (i);



2 = 1024

103

$$-2^{31} + 6 + 2^{3} - 2^{31} = 2 \times 2^{10} \times 2^{10} \times 2$$

$$2^{31} = 2 \times 10^{3} \times 10^{3}$$

2109 9 1,10 =9 4,2 3 0,1 0 = 0 SQ = 0 七2 二0 5 2 4 9 3 10 if (Q < con [i]) 2 te = 51; SIEQ; Q = were [i]; 3 e 19 e i ( ( 8 1 < coa [ i] ) } tl = sl; ~ 3 else if (te < coati)? + le = voer [i];