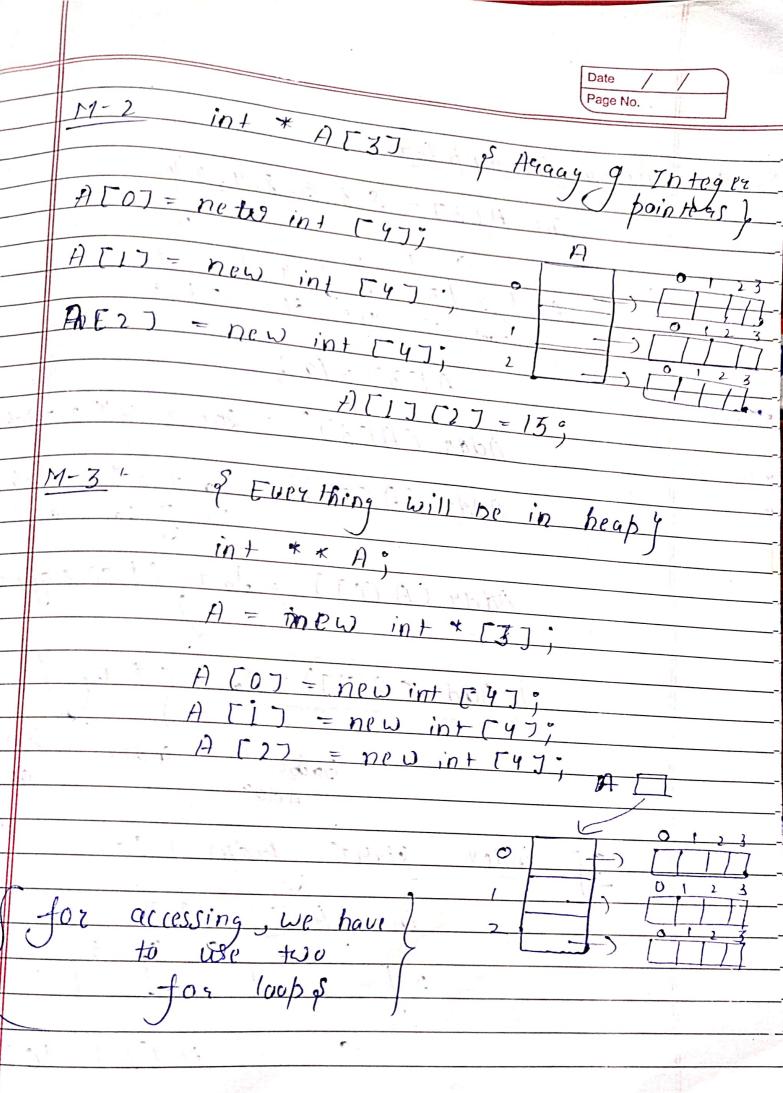
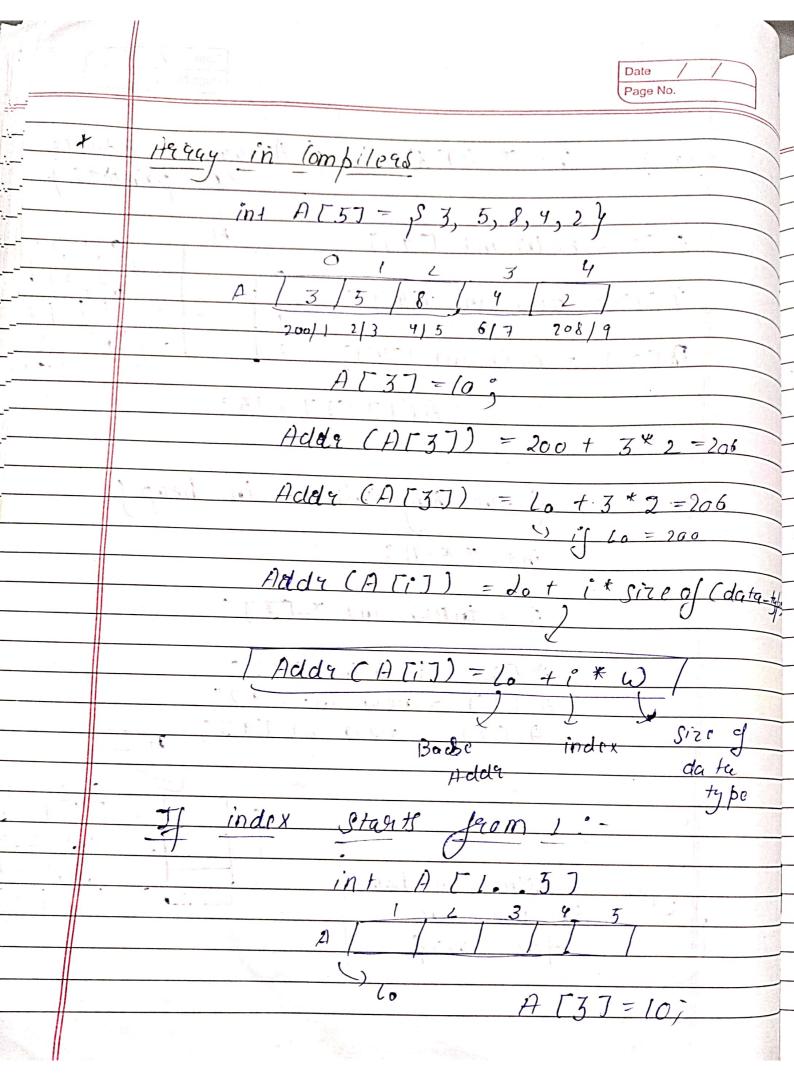
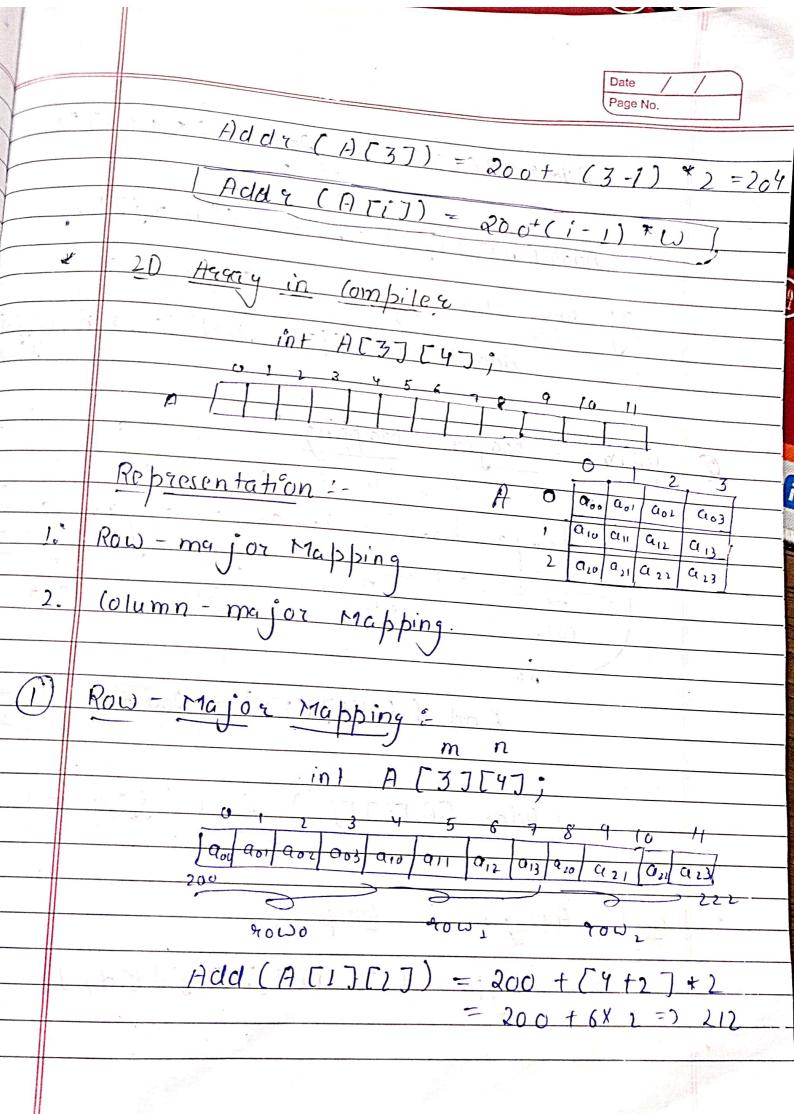
Date Page No. Agany Static V/c Dynamic void main () Heap int A [5]; - Stack // can use VIA int * p. P = new in+ [5]; // In (++ P = (in + *) mallor (5 * Size of (in +))delete [JP; // In (++ face (p); // In (

Page No. Increasing Array Size int * p = new int[5] int * 9 = new int [10]; for (inti=0; i = 5; i+t) te €i])= tpri]; dell'te []b; g = NULL; \$ 3, 5, 7, 94 15 A [1][2] = 13







Page No. Add & (A(2)[3]) = 200 + (2 + 4 + 3] +2 Adda [A[i][j]) = Lot [itn +j]tw array strong from 1 onwards = Addy [A[i] [j] = 20+[(i-1)*n+(i)] Column - Major Mapping: (01, (012 (0/3 Addr (A [1][27] = 200 + (2*3 +1) Adda (A [i] [j]) = 20 + (j*m + i) *w n-D Aggayd in Compiley Type A [d,] [d,] [d,] [d,]

Date	/	/	wette _{de}
Page No),	Marie Carrier Corps	Tamaga y

Row-Major -

Column - major

Generalising :-

Multiplications:
$$4D \rightarrow 3+2+1$$
 $5D \rightarrow 9+3+2+1$
 $7D \rightarrow (n-1)+(n-2)-1.1$

=)
$$n(n-1) = O(n^2)$$

