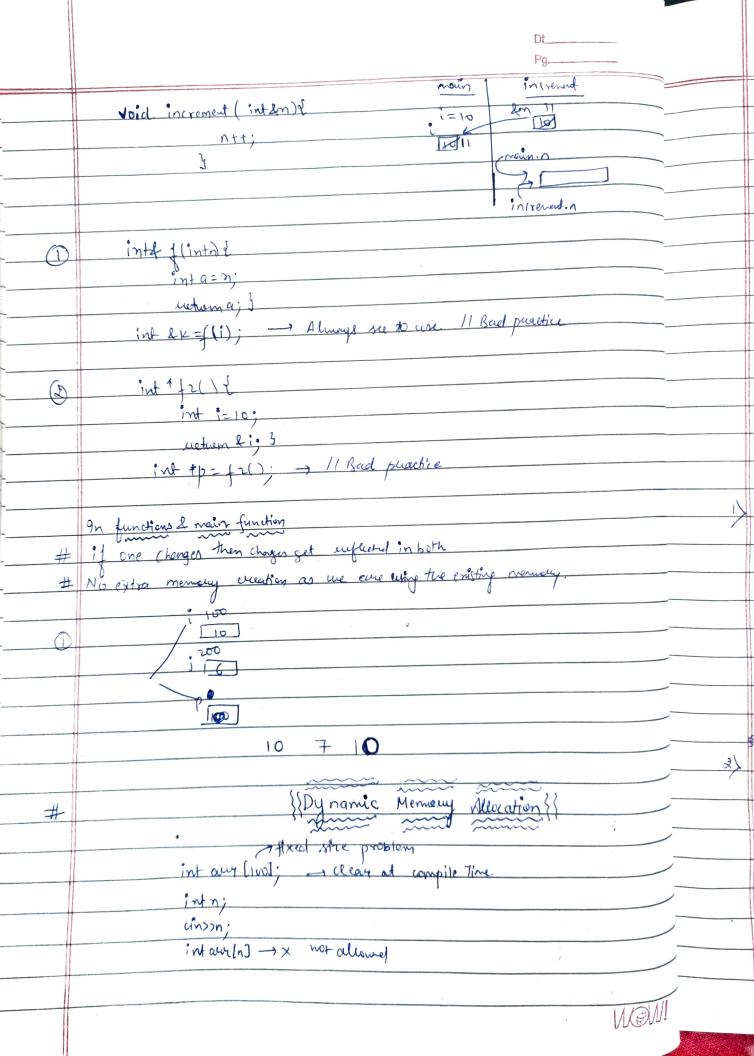
WOW!

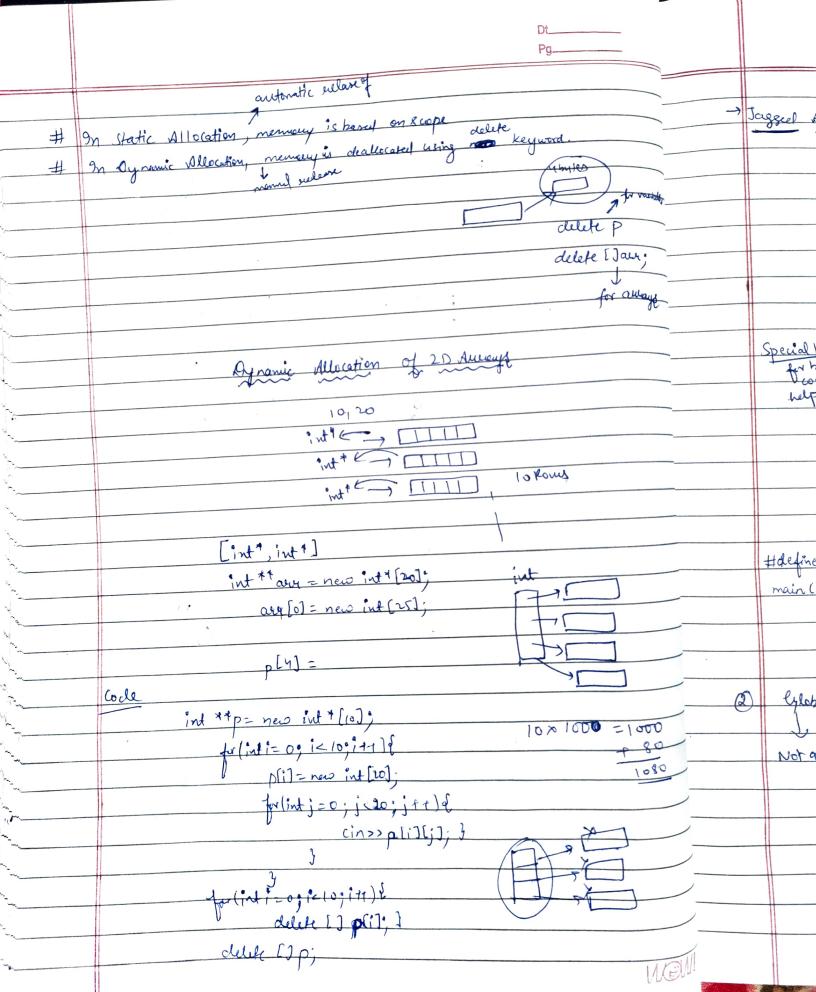
		Pg	
		Module-Dynamic Memory Allocation	
#	T <sub>o</sub>	pic - Address Typecasting	
		intiple di; non my bytes to read intiple di; non to interpret tradata  pointer p= li; > because to interpret i.e; how  to interpret the data strep  pointer p	
		01101011	
		inti=65;	
	scr)	Charge int $1p=2i$ ; $a \rightarrow 2 \rightarrow 65-92$ $a \rightarrow 2 \rightarrow 97-172$ int $1p=2i$ ; $a \rightarrow 2 \rightarrow 5pace$ $a \rightarrow 7ab$ $a \rightarrow 7ab$ $a \rightarrow 7ab$ $a \rightarrow 8ab$	#
	3	Code  inti=65;  char C=i; -> Inplicit Typeconting done by System.	
		int *p= lio  Chay * pc=p; -> x	
Accession of the form	p	cont << + per cont > > 65  cont << + per cont > > A	
		cont << *pc+1) << " ' << *pc+2) << " ' << *pc+3) <<	WH.

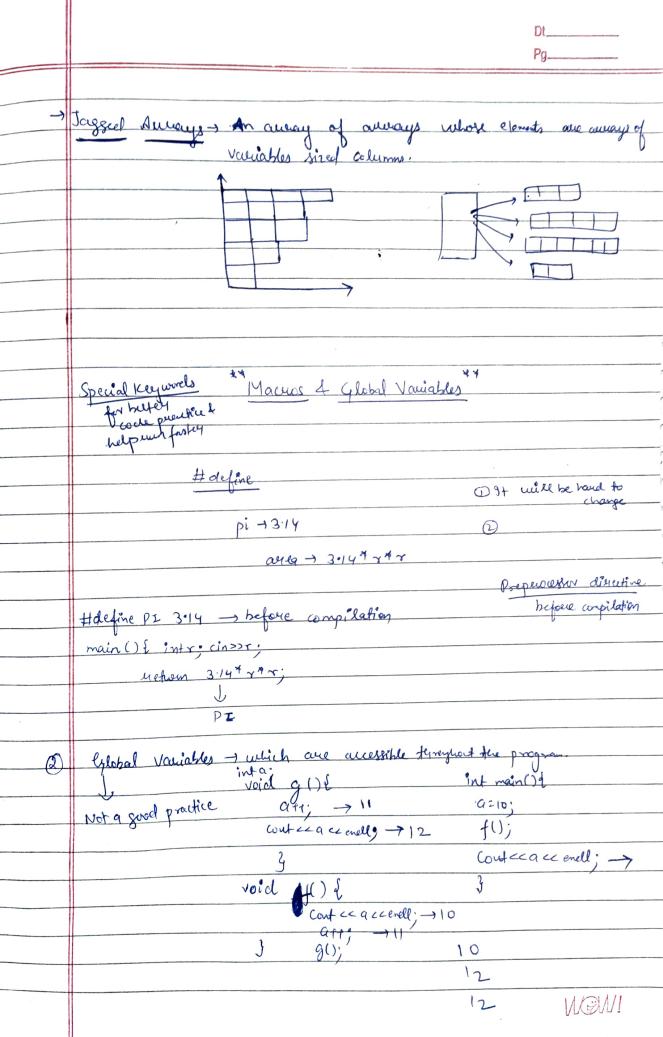


Static Memory Allowshim Dynamic memory Allowson Stack inti=10; · Lord hors puis Heap Memoly int any [low); Mow to create memory at Heap Memory at funtine. stouck Pointer double 1 pel = new charle; Code int 1 p= new int; double tyd = new double;  $\Box$ int 1pd = new int stol; aut = 1 pd exerell. char \*pc = new chay; contectpe exendly int carylind; int \* pg2 = new int [so]; - Baredon regulyonalty pa2[0] =10; to (icn) & cin>)aun(i]; } auxlis > 1 (auxi)

MOMI

W@W!





(36/6)×6 -> (6×6) -> 36 .) Inline and Default Auguments ( (1) Territary op (asb)?a:b; inta, bi (1) ansassb; int out (asb) ? a : b; int C; if (a) b) & c=a; } du { c= b; } Using functions to avoid code repetition. Inline int max (inta, int b) & neturn (a>b)? a:b; Single line of main() 1 int a, b; an>> a>>b; int (= max(a,b); int x, y; int 2 = max (7/4); 1) Performence hit Not happen of declare In as inline for - whole booky of the 2) Wide Lordable

# Default Auguments int sum (int april), int size, int stand it int ans : 0: for (inti-si; i < size; i+1) t anst = auf[i]; } Letun ans: main () & int aux [20]; Cout ex sum (aux, 20) ccendl; int sum2 (int a, jut b, inte, int d) return a + b + (1d; - 73 int main Oh Convect int 9=1, b=2; (=3, d=4; Coutex Sum2 (a, b) << enell; Rightmust bit It Inline 125 are used to reduce function call overhead. They are expanded in a line when they are involved.

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