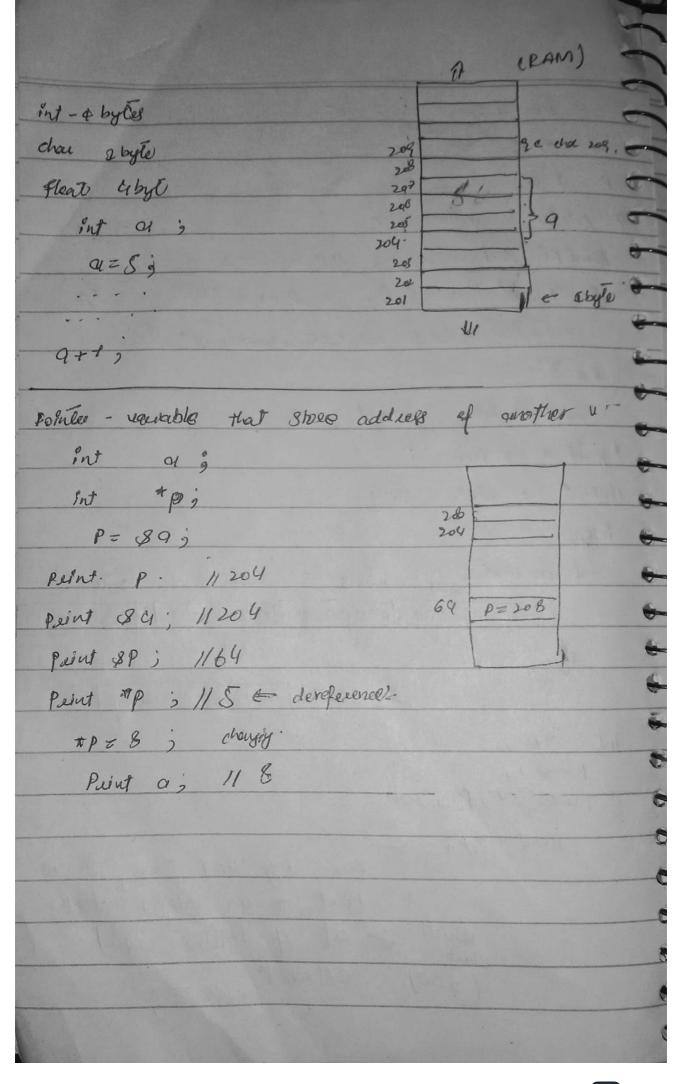
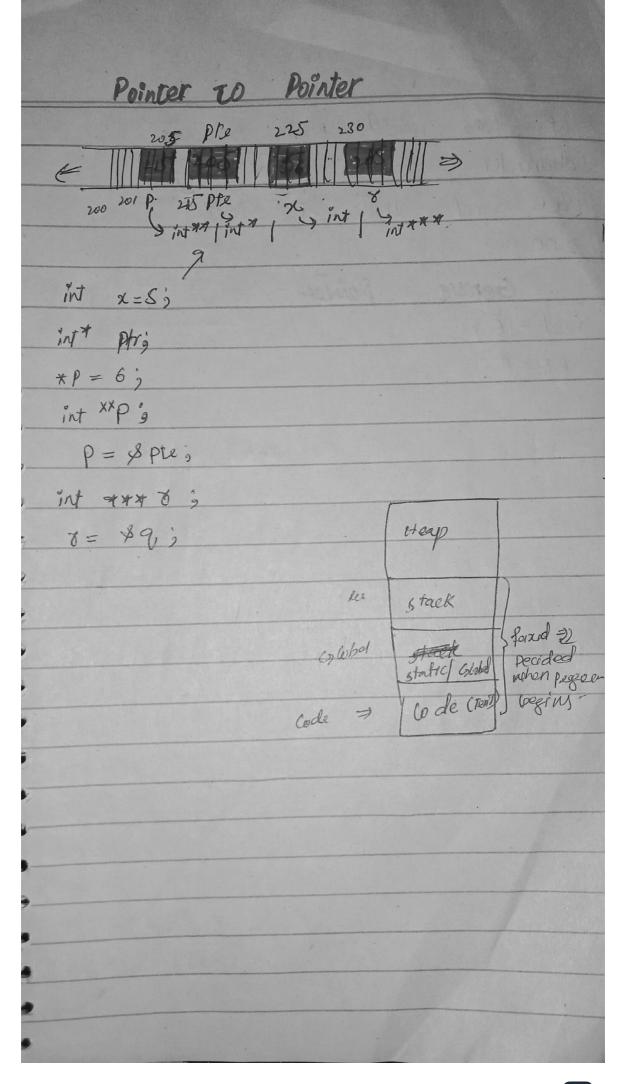
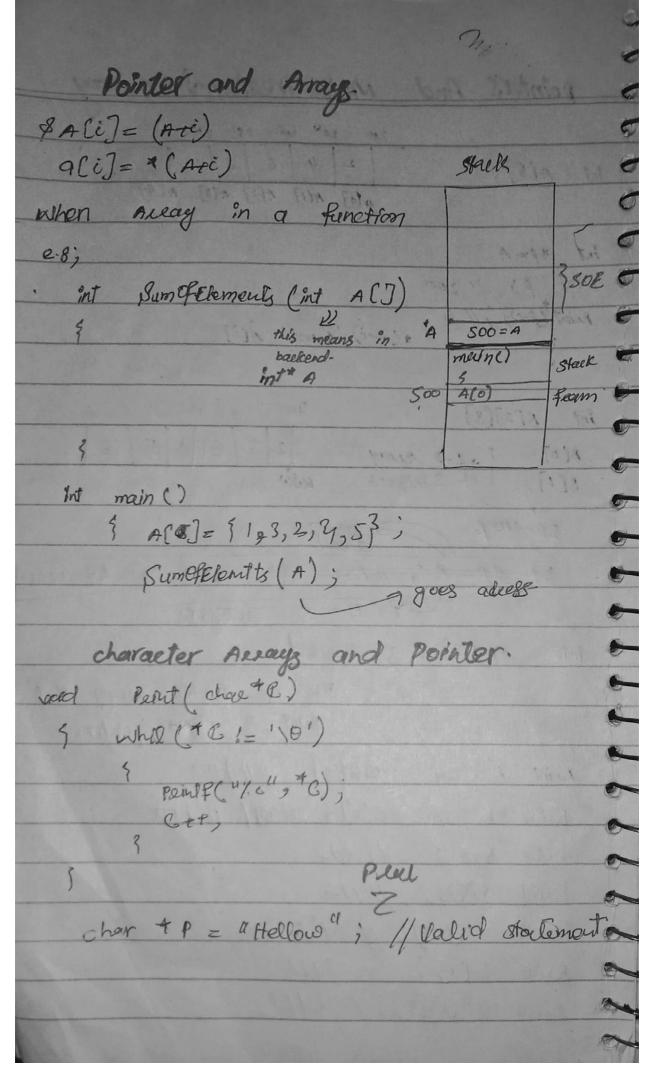
Pointer in C Language. 8[5][2] 4005 409 4013 4017 401 428 429 483 487 8(0] = *(5+0)) = 401 S[1] = (S+1) = 409 In two dimentional Accord S[2][1] = *(S[2] * 1) = *(*(S+2)+1)

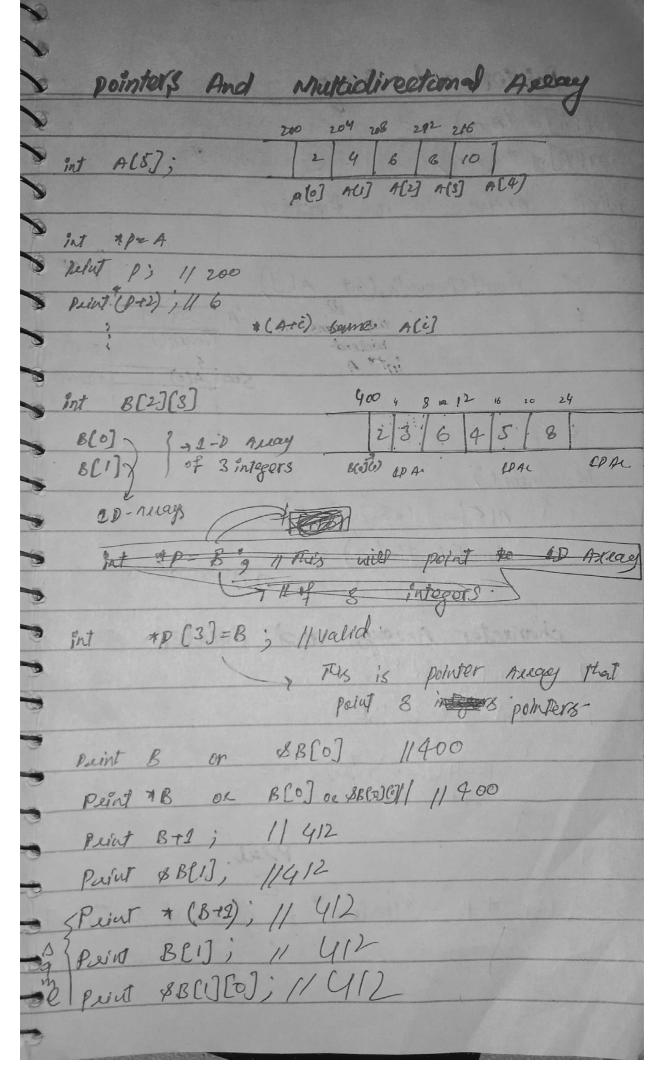


11 pointer arithematic Print f ("% d \n", P); // P is 2002 Print ("/ d/n ", p+1); 1/ P+1 = 2006 (TA) cyty, dir w bld & patodype (increment & to (NEEDE) int a wint stored logint a 3 long int , chae + - chae story. integer int a= 1028; 10-4 byte 3 byte 0 int ap; PANT("110", P); 200 perit + po Point to an integer look which & at 4 byfesc and (200) exteact 1025; glast

if this would pointer to character then computer only abyle that streets See at 200 01 Gentia void * PO & PO=P;







43 BE &BCO] AB = BCOJ et & BCOJCOJ (Bt1) = \$B[1] * (8+1) ez B[i] oz &B[i][o] & returning into to first integer in (Bli) Print * (B+1) +2; 11420 / Lint + \$ Bli] + 2 on \$ Blyc2) 1420 * (* B + 1) 0 = a (B(0) +1); = *(\$860](1]); = 8(0)(1] = 3 Note BCi)(i) = + (B(i)+j) = * (*(B+i)+j)

DYNAMEC ONEMORY ACLOCATION
heap = Free stare of memory (asp frees poof or Dynamics memory ansigned int
Co Dynamics memory unagned int
void maller (size_1 size)
sm malloe
rom called of void Called (not block , single of (int));
realler - void * realler (void pre, nofblock);
** free (ph);
free (ph); The free (ph); The free all block of memory and their remain
memery and their remain
garbage values.

Pointers as Function returns Let a function int add (int a , int b) eefven arbj then pointer to this function is int (AP) (Into int) P = sadd; Then we can call peint ("(d" * p(5,6)); Function Pointers and Callbacks Function pointers Ly can be passed as argument to functions.