Disla-B Solie 1BM19CS050 void push ( struct wood \* + top, int d) peri struct node \*teap, n; temp = (struct node \*) malloc (sizof (struct and)); if ( trap = = auch) pric priate ("Stack is fell in"); teup > data=d; teup > next= \* fop; \* top= temp; periot (" / d is pushed \n", d); void pop (struct node\*\* top) struct node\* (emp; print (" stack underflow\n"); temp: + top;
printf ("-/.d popped \n", temp-sdata); \* top = ( \* top) -> next; free (temp); void display ( struct node \* sop) if (top==NULL) perint (" No elements pourent in stack ");

DISHA-B getween, 18MIROSOSO 10 Disla-B while (top! = NULY) BM19CS050 i printf(" (-d", top->data); tob= tob->nret; ct andy); printf("\n"); void insut (int o) struct water n= (struct wode\*) onalloc(sizuaf(struct wode)); if (n== NULL) Print (" Queu Ovoflow ("); setwin; n-sdata=d; if (front = = NULL) front = n; ruar =n; front snext: wunt, Luanes out = WILL; suar-snext=n; ack(n'); rear = n; 3 Evar- nxt: NULL. 03

Dilla B perioty ("; dis inserted (", d); 1BM19CSOSO void delite () Sterne Struct wodi temp; print of front = = NULL printfa que underflow ("); peur outrour; SCO timp = front; pointfor , d delited \n' semp-sdata); dront - front socrt; drue (demp); boid diplay quanel struct node \*tenp' if (front = = WULL) point (" \n Semply queen \n"); printf (" (n Queue elementi, \n"); cohili (temp! = NUhh) prints ("/.d", temp -> data);

z temp = temp > next;

Disha B 1BM1908050 ha.B 905050 int main () struct wate \* stack = WULL; print ("STACK OPERATIONS "); printf("1. Push \t2. Pop & 3. Diaplay \t4. Exil\r"); jut choice, item; printl( " Enter your cloice!"); scanf "/d", & choice); while(alora): 4) ? switch (choice) case 1. periotif (" Enter data so be pushed:");
searf (" j.d; & item);
push (& stack, tem); Bruak case ?: pop(&stack); bruak; case 3: diplay (3 tack); break; printf (" 1. Pash | t2. Pop | t3. Display | t 4. Exit | n');
sear (" / d", & choice!); priorty (End of Sack operations In/n'); printf ("QUEUE OPERATIONS \n"); printf ("1. Insert \\ 2. Dult\\ ts. D'aplay\t4. Exity"

