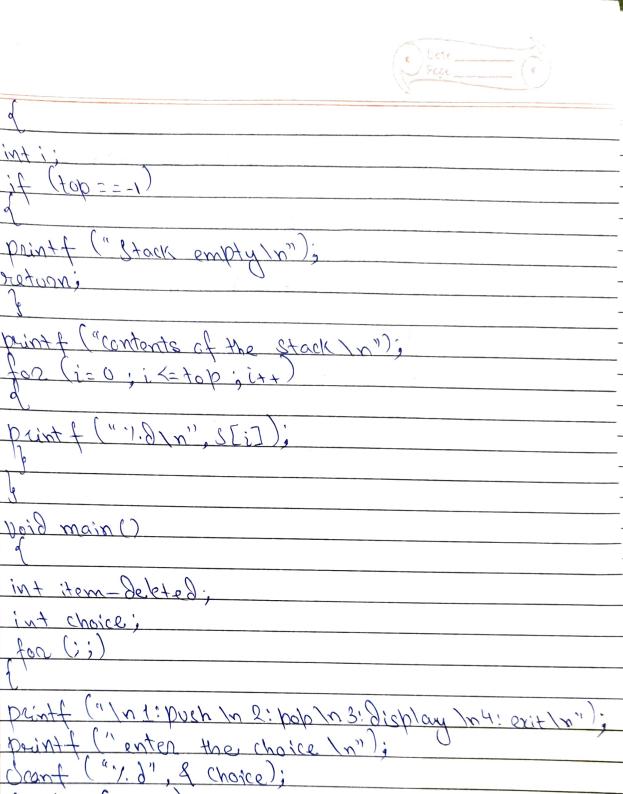
23/09/20 Neehal-1BM19CSO97 Top loss ados am - T g. write a perogonom to simulate the working = of Stack using among with the following = opposite overflow = The program should print appropriate overflow = and und to and instration # include (staio. h) # include (process.h) # define STACK_SOXES int top = -1; int S [10] ; int item; Doid buch () if (top ==STACK-SCZE-1) print ("Stack overflow \n"); top = top +1; & [top] = item; int pap () if (top == -1) return -1; return S[top--]; soig gisblan ()



for (;) printf ("In 1: puch In 2: pop In 3: display In4: exit In");

point f (" enter the choice In"); Scant ("1. 2", & Choice);

Switch (Choice)

if (top ==-1)

Hoid main ()

int choice;

printf (" Stack empty/n");

Print f ("1.8/n", S[i]

int item-deleted;

Carel: print ("exten the item to be inserted in");

Scont ("1.8", & item);

Case ?: item-deleted = pap ();

if (item - Deleted == -1)

print f (" Stack is empty In");



2/se printf ("item deleted is "I-d \n" , item-deleted); Ose 3: Display 1); break; default : exit (0); getch ();