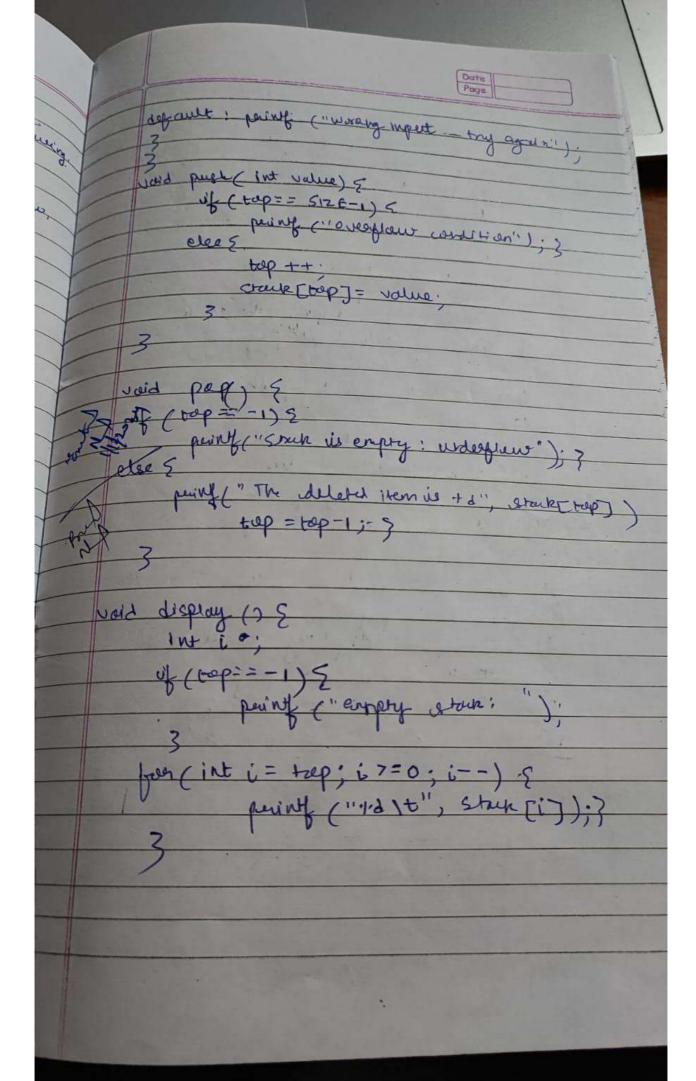
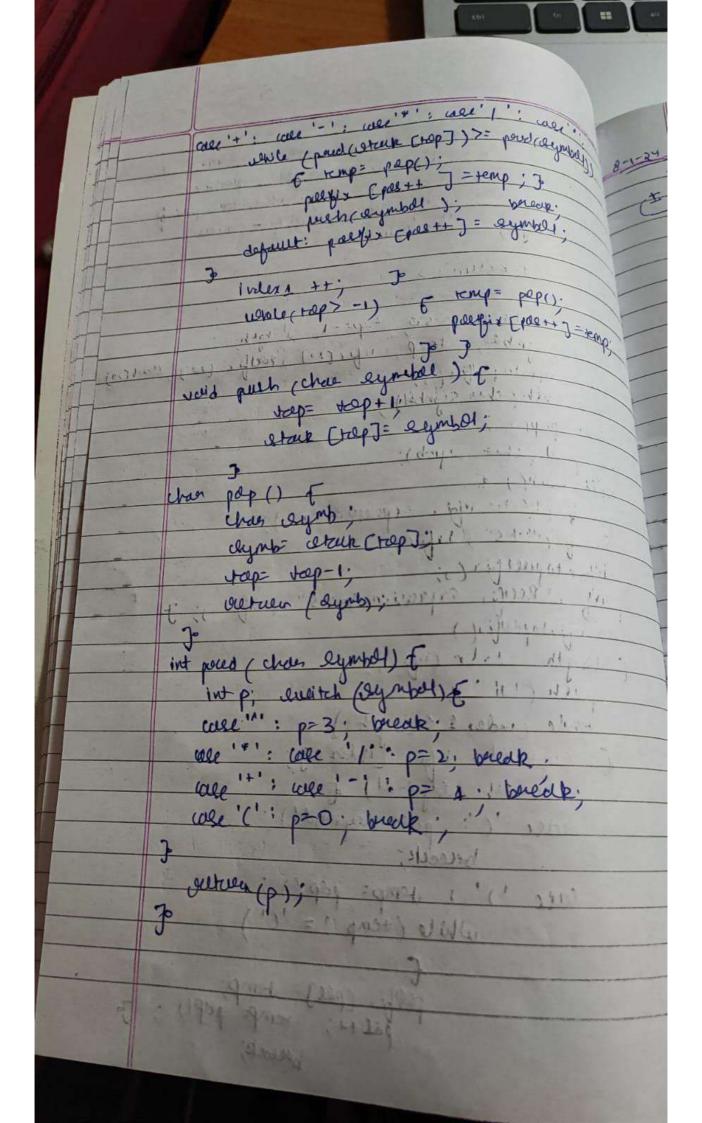
LAB-2 I wente a program to simulate of stack ulerge and accounty with the (a) Push (b) pap (c) alsoplay to mesages for stack analows, stack underfus # Include Estato. h > # include Establib . K > 1# define store 5176 4 void push (int); ii / 1 Int st (SIZE) , Atop=1-11. int main() { 1 (1 61) (1) (1) int value, choice; while(1) & pount (" Enter 1 to push an element in Tony will intitude the Enter 2 , so pap an element in Enter 4 to eset the program "); Scarf ("1'd", beholce). sultch (choice) 5 case 1: paint ("enter a value \n");

Scant (""):d", be value); push (value); bouck ! Cale 2: pop(); breek. break; case 4: exit(0):





I were to unuest a given valid paranthessiss injex an rundic experiescion to partix experieson The expansion wellte of wingle chanada opening muldiply) and (divide) - (minus), # Include Estation IF include < Stalib. h in inderso paso tap=-1, dangth. chan aymod, vemp, infor [20] , roetfix (20) stank(20) void push (chan symbol) chan pape) ; lider [1931] wird int pard (chas symb); void main () &. perinte (19010 ingix exponention In'l) Scar ("+5", 1 mj (); 1) 1) 1) paine ("Paere; Expression: Int 5", paere;); word infortage () & longth= strian (ingly): 14112 and bound 1. puch (1# 1) 11 (12) (11 (12) 9 10 while (index & Edungth) Euchth (lymbol) to (all '(': puch (eymbal): ')' in case ')'; temb= lab. () while (temp ! = 'C') 6 politix (pos) = temp;
politix (pos) = temp;
politix (pos) = temp;
belove;

```
PROBLEMS
                    DEBUG CONSOLE
                                    TERMINAL
           OUTPUT
                                               PORTS
4)Exit
1
20
The value pushed is 201)Push
 2)Pop
 3) Display
4)Exit
3
20
10
1)Push
 2)Pop
 3) Display
4)Exit
The value deleted is 201)Push
 2)Pop
 3) Display
4)Exit
3
10
1)Push
 2)Pop
 3) Display
4)Exit
```