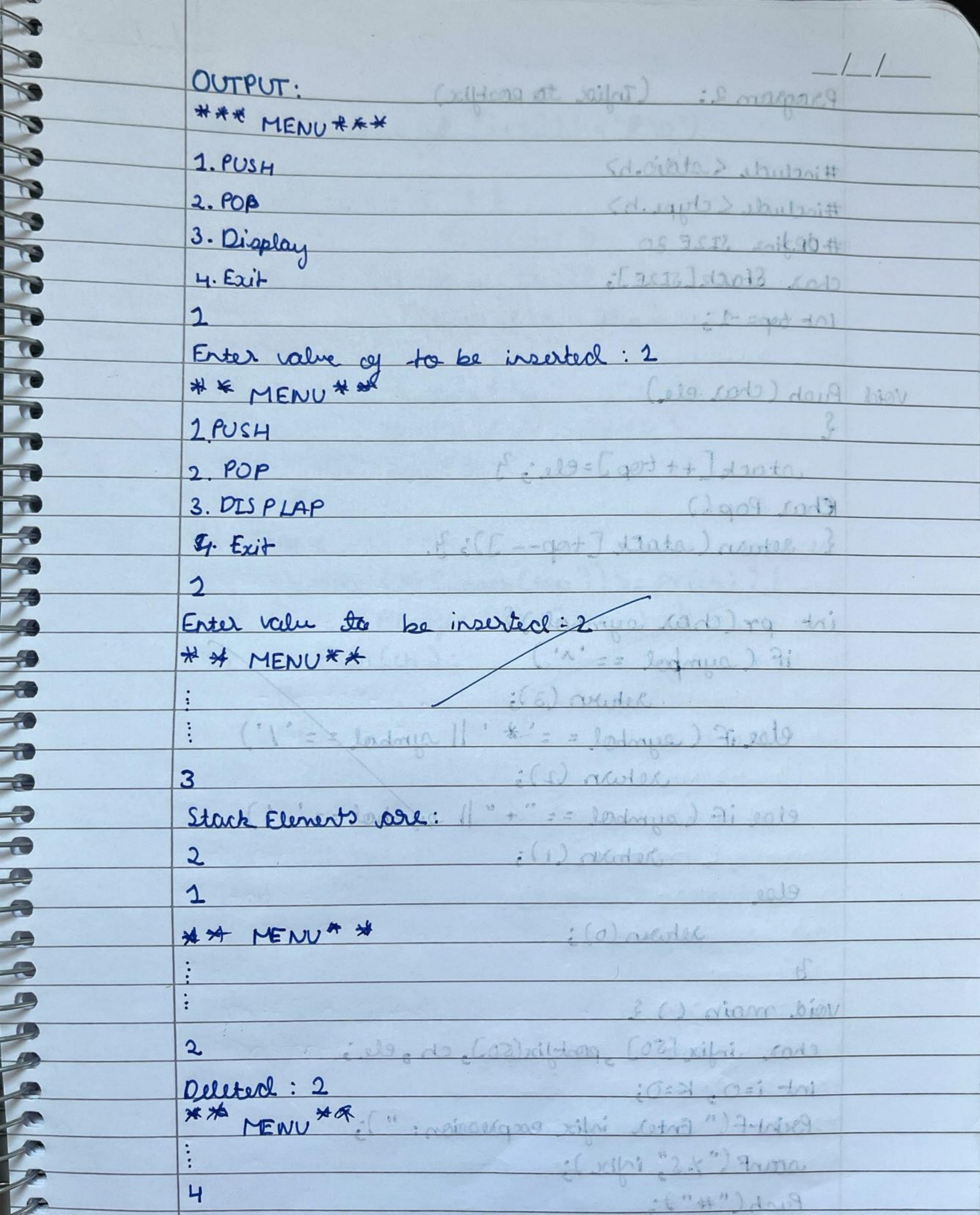
```
PROGRAM-1
                                 (the == and) 71
#idblude < Stelio.h >
#include (conib.h) (" jutama ai santo m") +incl
#deline SIZE 100
void push (int); : eca demade deala or/ ) africe
void pop();
void display (Distante "in/bal") 7-11/19
int stack [SIZE], top = -1
                                Daine bigu
Void push (int value) {
if (top = = Si32-1)
     Printf ("In Stock in Full ");
top=top+1; (mind) k pop "D' france and
     stack [top] = value; proposition
   Heroni and out substant sets?"
     : (mulate "bot") 7002
Void pop(){
if (top = = -1) {
      Pointf ("In stack is empty"); :000
else.
  Paintf ("h Deleted: "/·d.", Stack[Topt]);
   top = top - 1;
                              : door
                           :(0) ding dinant
                or/201997 of " ) stake (" ) of ERROR )
```

```
Void display () {
if (top ==-1)
                            adopted an interpret
    Paint ("In stack is empty!");
                            301 313 2-310h #
   Pointf ('In stack elements are: \n');
   for (i=top; i>=0; i--)
        paintf("% old \n", Stack[i]);
                   the agent of getted tooken this
Void main () {
                      If and day bull tour
int value chaice ;
  Printf (" \n\n** MENU * * \n);
  Print ("1. Push In, 2. Pop In 3. Rioplay In 4. Exit");
  Bis Scarf ("% d", x Choice);
Switch (choice) & and I don't
       Printf ("Enter the solve to be inserted:");
       scanf ("% d", shulle);
       Puch (value):
        buck;
Case 2: Pop (); ( Hans ai dant all Attiel
        book.;
cool 3: display();
       Bleak:
cool4: eocit-(0);
dyout: Printf (" \n ERROR \n");
```



```
(Infic to postuc)
     Program 2:
     #include < stdio. h>
     #include (ctype.h)
     # define SIZE 20
                                                 Hica . po
     char Stack[SIZE];
     int top= -1;
                                        The Walter of the
void Push (chaz ele)
       stack[++top]=ele; 3
                                            B. DISPLAP
     Char Pop ()
                                                4-13
       return (stack [top--]); 3.
    int pr (char symbol) {

if (symbol == '^')
                                        Estable Letas
                 . Aetwa (3);
       else if (symbol = = '-* 11 symbol >
                 20kun (2);
       else if (symbol == "+" | symbol == '-')
                return (1);
       else
              setwen (0);
    void main () {
      char infix [50), post-fix(50), ch, ele;
      int i=0, K=0;
      Brint-f (" Enter infix expression: ");
      sount (" /. S", infloc );
      Push ("#");
```

```
18 BUDGOAL
While ( (ch = infigk [i++])! = "#10")
                         公司、公司第一个人的第一个人的
    if (ch == 'C') {
                         ZABITADD J. Bullanit
              Push (ch) 3
    else if (is alnum (ch)){
            Postfise [k++]= chi 3
    else if (ch = = ')'){
       while (stack [top]!='c'){
           Postfix [K++]=Pop(); 3
       Cle = pop ();
                   ofference many me") Steamed
   else
      while (pr (stack [top]) >= pr(cn) ? {
           Postfix [k++]=pop(); 3 000- 000
                        = meti = Lang INP
       Push (ch);
while (stack [top] != #1) {
                           and stand
     Postfix CK++J-pop();3
Postfix[k]="10";
Painty ("The postfix cooplession is: %-s", postfix);
OUTPUT
Enter infix coxpussion: atbtc
The post-fix expussion is: abc++
                        the allest one whately
            " " ( of me 19 39 of me 1") . Addita
              Getter i wall sold and = 12 ment
           FF Filte Niber") Frien
```

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