```
Program - Implementing Strick operations
# Enclude < stdio. h)
# defene N 5 120121" What transit got " > 2+000
int Stack[N];
Pot top = -1;
void push()
à int n, n;
prints (" How many elements do you want to push");
 Scanf (".1.d", &n);
 if (n>(N-top+1))
  ? printf (" Stack Overflow");
  printf ("Enter 1/2 elements: \n"n);
  for ( Pnt i=0; i<n; i++)
   { Scanf ("ild", &n);
     top++;
    Stack[top] = x;
 112 long . 5 goz . 5 doug . 1 . sold may what " ) towing
  printf (" Elements pushed into the stack | n");
Void pop()
               Case 1: pushe 11 break;
{ if (top == -1)
  2 printf ("Stack Underflow");
3 else 3
 gelse 3
    printf ("1'd popped out from stack in", stack (top));
```

```
void peckl)
  } if (+op == -1) {
      printf (" Stack underflow");
      printf ("Top dement: 1.21", stack (top));
     3 elses
 void display()
2 if (top==-1)
   ¿ printf ("Stack Underflow");
  4 else s
    printf ("Stack elements from top to bottom are: )n");
    for (int i = top ; i>= 0 1 i+-) 40000 " ) 11119
     { printf ("Y'd/t", stack(i));
Post main &
  Int ch;
 dos
   printf ("Enter your choice: 1. push 2. pop 3. peek 4. display
   Scanf ("1.d", &ch); 5: exit (n");
   Switch (ch) }
      case 1: push (); break;
      case 2: pop(); break;
     case 3; peek(); break;
    case 4: desplay(); break;
     case 0; printf ('Exiting"); break;
```

Date: YOUVA
default: printf ("Invalid choice (n");
15013 polytikal mag & gog & dang of a salada maga latan
g while (ch! =0);
return 0; Jug at trace my it started were well
3
Odo 2 charate
Outpeut: Enter your choice: 1. push 2. pop 3. peek 4. display o. exit
How many elements do you want to push
6 xonto all of m hadren no danners
Stackour flow
Enter your choice: 1. push 2.pop 3. perk 4. display o. exit
E vin toprests qu'
- How many elements do you want to push
2
enter 2 elements
The your choice ! Is good day of goods may what
2
Elements are pushed into the Stack.
Enter your chorce: 1. push 2. pop 3. perk 4. display o. exit
2
2 is popped out of the stack
Enter your choice: 1. push 2. pop 3. peek 4. display s. exit
2
1 is popped out of the Stack
1 as popper out

Enter your choice: 1. push 2. pop 3. perk 4. display O. exit Stack Under flow Enter your choice: 1. push 2. pop 3. perk 4. display o exit How many elements do you want to push Enter 3 clements 3 while of takes made at the west house much elements are pushed into the stack Enter your choice: 1. push 2. pop 3. peck 4. display 0. exit Top eliment is: 3 Enter your choice: 1. push 2. pop 3. peck 4. display o. exit through a referenti Enter your choice: 1. push 2. pop 3. peek 4. display o. exit Exiting the program is popped out of th