

#include <stdio.h>

int main()

{ do {

1- Push

2- Pop

3- Display

switch (choice)

{

case 1: printf ("Enter element\n");

Input of element

push (stack, ele);

case 2: ele = pop (stack);

if (ele == -1) → /stack/

printf ("Stack underflow");

else

printf ("Stack overflow");

case 3: display (stack);

default: printf ("Wrong choice");

}

printf ("Do you want to continue");

while (ch == 'yes');

return 0;

void push (int stack[], int ele)

{

if (top == size-1) → stack overflow

else

top++

stack[top] = ele;

}

Date _____
Page _____

```
int pop (int stack[])  
{
```

```
    if top == -1  
        return -1
```

```
    else
```

```
        popele = stack[top]
```

```
        top --
```

```
        return popele
```

```
    }
```

```
void display (int stack[])  
{
```

```
    printing elements of the  
    array using a for loop
```

```
}
```