

```

#include <stdio.h>

#include <stdlib.h>

#define MAX 5 // Stack size set to store the
given elements

int st[MAX], top = -1;

void push(int st[], int val);
void display(int st[]);

int main() {
    // Storing the elements 23, 58, 76, 87, 68 in
the stack

    push(st, 23);

    push(st, 58);

    push(st, 76);

    push(st, 87);

    push(st, 68);

    // Displaying the elements

    display(st);

    return 0;
}

```

```

void push(int st[], int val) {
    if (top == MAX - 1) {
        printf("\n STACK OVERFLOW");
    } else {
        top++;
        st[top] = val;
    }
}

```

```

}

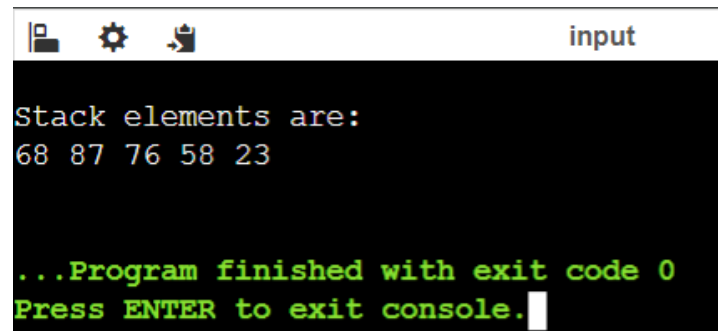
}

void display(int st[]) {
    int i;

    if (top == -1)
        printf("\n STACK IS EMPTY");
    else {
        printf("\nStack elements are:\n");
        for (i = top; i >= 0; i--)
            printf("%d ", st[i]);
        printf("\n");
    }
}

```

Output:



```

input

Stack elements are:
68 87 76 58 23

...Program finished with exit code 0
Press ENTER to exit console.

```