

```
void push (int a[], int n, int ele)
```

```
{
    if (top == n-1)
    {
        printf ("stack overflow");
    }
    else
    {
        top++;
        a[top] = ele;
    }
}
```

```
int pop (int a)
```

```
{
    int ele;
    if (top == -1)
    {
        printf ("stack underflow");
    }
    else
    {
        ele = a[top];
        top--;
        return ele;
    }
}
```

```
void display (int a[], int n)
```

```
{
    printf ("stack elements are: \n");
    for (int i = 0; i < n; i++)
    {
        printf ("%d \n", a[i]);
    }
}
```