

1) 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]); }
```

```
}
```