

18M18CS008

AKASH

DS-LAB

```
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 overflow 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]);  
  }  
}
```