

DEEPU K  
1BM19CS044

Stack operation  
25/9/2020

### PUSH OPERATION

```
void push(int stack[], int ele)
{
    if (top == size - 1)
    {
        printf("stack overflow");
    }
    else
    {
        top++;
        stack[top] = ele;
    }
}
```

### POP operation

```
int pop(int stack[])
{
    int ele n;
    if (top == -1)
    {
```



```
printf("Stack is empty\n");
```

```
}
```

```
else
```

```
{
```

```
    n = stack[top];
```

```
    top--;
```

```
}
```

```
return(n);
```

```
}
```

```
DISPLAY
```

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

```
{
```

```
    int i;
```

```
    printf("The stack element\n");
```

```
    for(i = top; i >= 0; i--)
```

```
{
```

```
        printf("%d\n", stack[i]);
```

```
}
```

```
}
```