

1BM19C5053

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DS-LAB

~~void pop~~

void push (int stack[], int ~~ele~~^{ele})
{

if (top == size - 1)
{

printf("Stack overflow\n");

}

else

{

top++;

stack[top] = ele;

}

}

~~void pop~~

int pop (int stack[])
{

if (top == -1)
{

printf("Stack underflow\n");

return -1;

}

else

{

int x = stack[top];

top--;

return x;

}

}

18M19CS053

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DS-LAB

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

```
    int i;
```

```
    if (top == -1)
```

```
{
```

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

```
    }
```

```
    else
```

```
{
```

```
        for (i = 0; i < n;
```

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

```
{
```

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

```
        }
```

```
    }
```

```
}
```