

```
>> syms t s;  
x1 = heaviside(t)-heaviside(t-1);  
X_s = laplace(x1)
```

```
y1 = heaviside(t)-heaviside(t-0.5);  
Y_s = laplace(y1)
```

X_s =

$1/s - \exp(-s)/s$

Y_s =

$1/s - \exp(-s/2)/s$

```
>>
```