

```
>> syms t s;  
r = t.*heaviside(t);  
r_d = (t-1).*heaviside(t-1);  
x = r-r_d-heaviside(t-1);  
X_s = laplace(x)
```

X_s =

$\frac{1}{s^2} - \frac{\exp(-s)}{s^2} - \frac{\exp(-s)}{s}$

```
>>
```