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

r = t.*heaviside(t);
r_1 = (t-1).*heaviside(t-1);
r_2 = (t-2).*heaviside(t-2);
y1 = r - 2*r_1 + r_2;
Y_s = laplace(y1)

X_s =

1/s - exp(-s)/s


Y_s =

exp(-2*s)/s^2 - (2*exp(-s))/s^2 + 1/s^2

>>
```