Student License -- for use in conjunction with courses offered at a
degree-granting institution. Professional and commercial use prohibited.

To get started, type one of these: helpwin, helpdesk, or demo.
For product information, visit www.mathworks.com.

EDU» ft_lt_trans
??? Undefined function or variable 'ft_lt_trans'.

EDU» pwd
ans =
C:\MATLAB_SR11\work
EDU» ft_lt_trans
syms t w a b
F_w =
exp(1/2*i*w)*(pi*Dirac(w)-i/w)-exp(-1/2*i*w)*(pi*Dirac(w)-i/w)
ans =
2*sin(1/2*w)/w
strike any key to continue
ft =
1/2*Heaviside(t+1/2)-1/2*Heaviside(-t-1/2)-1/2*Heaviside(t-1/2)+1/2*Heaviside(-t+1/2)
ans =
Heaviside(t+1/2)-Heaviside(t-1/2)
strike any key to continue
Fs =
1/(s+2)
ans =
1/(j*w+2)
strike any key to continue
ft_1 =
exp(-2*t)
Given f(t)=exp(-a*t)*Heaviside(t)with laplace transform Fs
Fs =
1/(s+a)
Do you want to change the value of a? y/n [y]: y
Enter the value of a as integer or ratio of integers: 4

ans =
1/(s+4)

ft1 =
exp(-4*t)

EDU>