NAMES_____

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Laplace!

put in s-domain circuit

use PFE

1)

R1   L1   C1
      1E-4 1E-8

V1
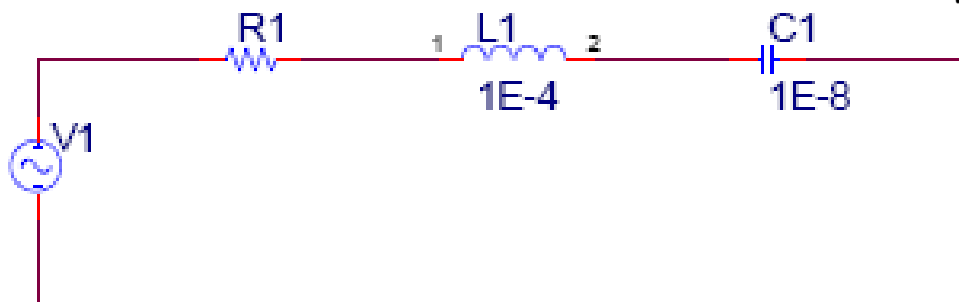
e. For R1 = 200 Ω determine the voltage across the capacitor as a function of time for t > 0. Note may have to use F(1) instead of F(0).

Note: Non-zero initial condition!

V1 = 10V t<0
       8V t>0