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```
%Define givens
%Zl= impedance from inductor, Zc= impedance from capacitor, R=
    impedance
%from resistor, Zt= total impedance, V= applied voltage
Zl= 0+5i; Zc= 0+15i; R=5+0i; Zt=Zc+Zl+R; V= 10+0i;

%Solve for current
I= V/Zt

I =

    0.1176 - 0.4706i
```

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