

EC1011: COMPUTING  
LAB 05: Domain Specific  
Programming Languages  
PLOTTING

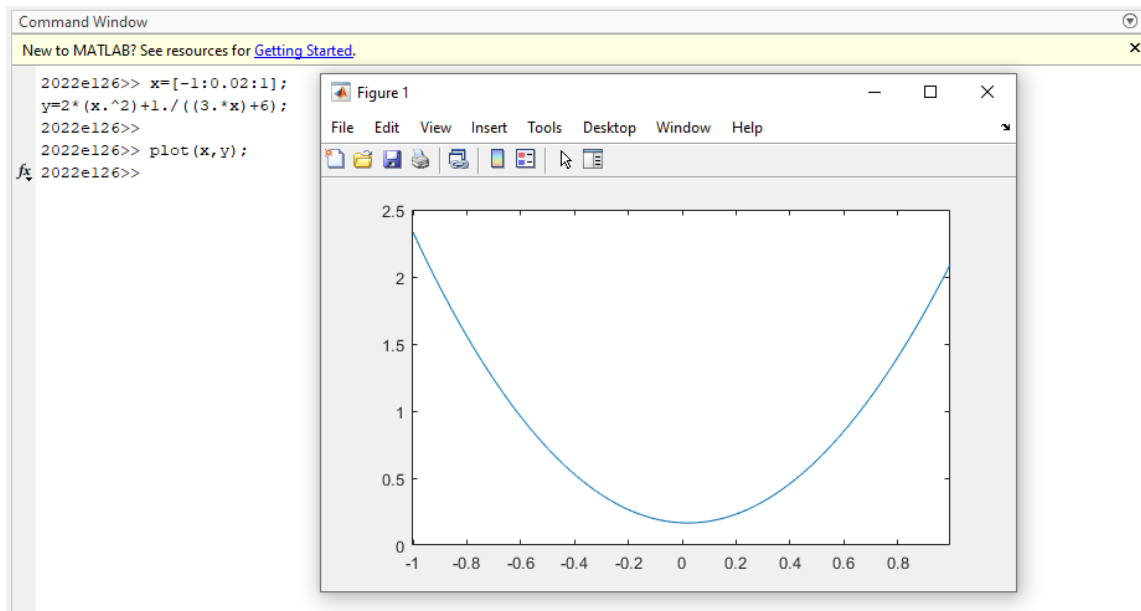
NAME : MALHARA R.M.Y.S  
REGISTRATION NO. : 2022/E/126  
DATE ASSIGNED : 08 MAY 2023

1)

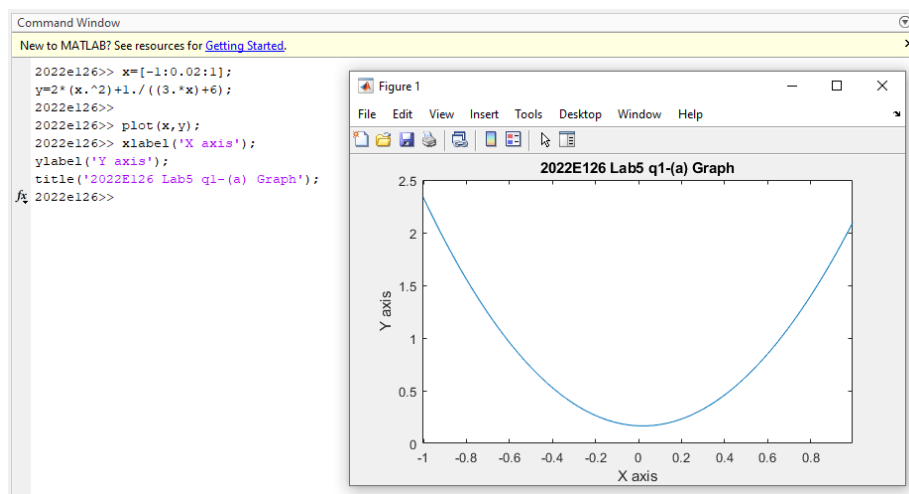
a)

```
Command Window
New to MATLAB? See resources for Getting Started.
2022e126>> x=[-1:0.02:1];
y=2*(x.^2)+1./((3.*x)+6);
2022e126>>
fx 2022e126>> |
```

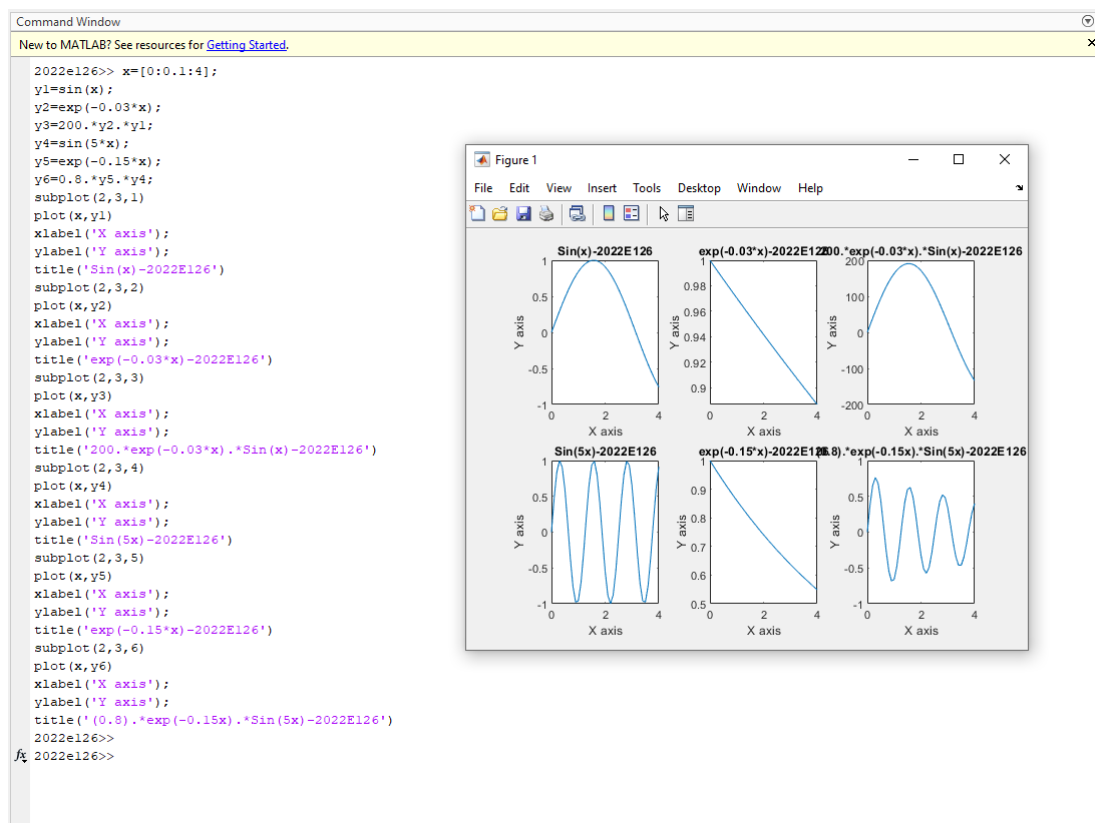
i)



ii)

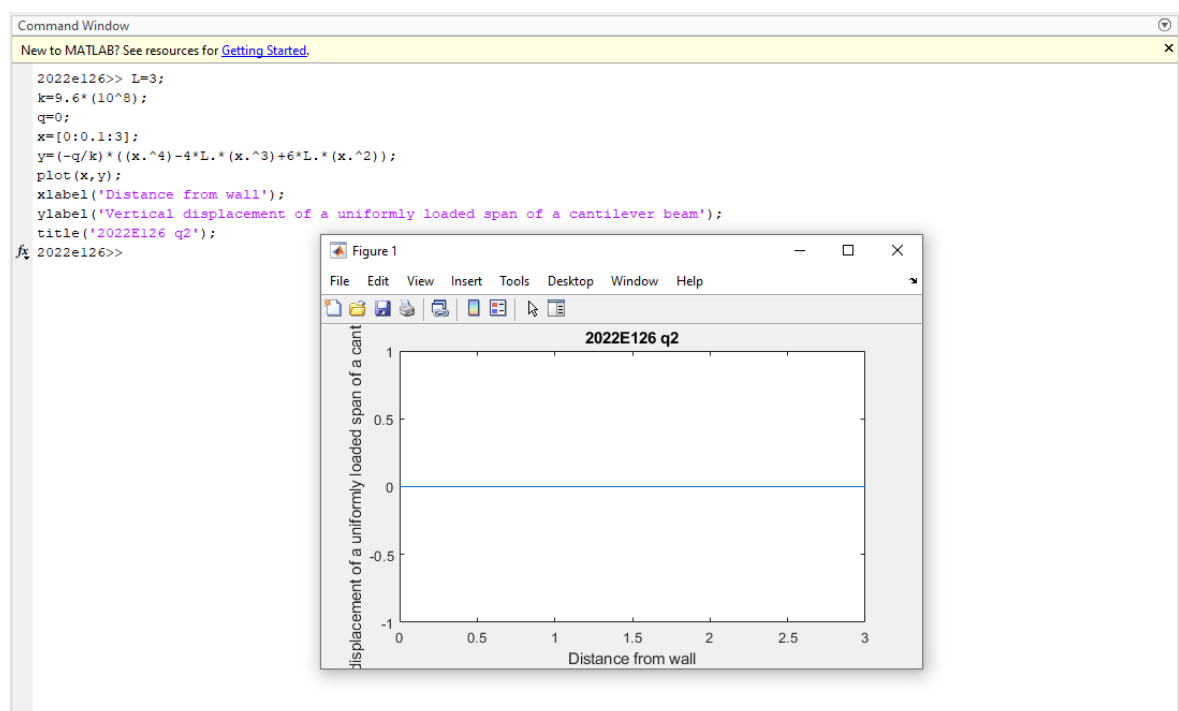


b)

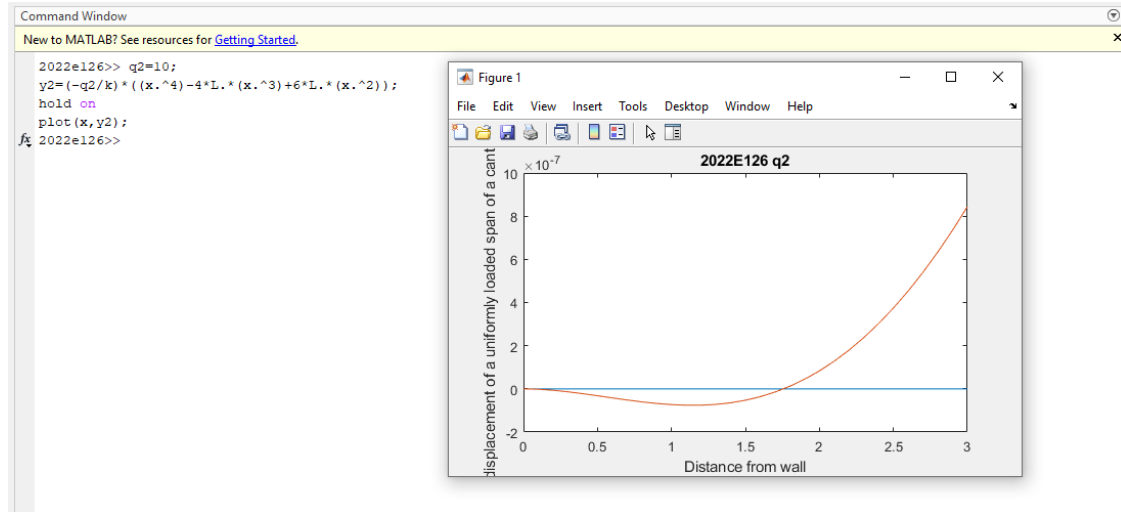


2)

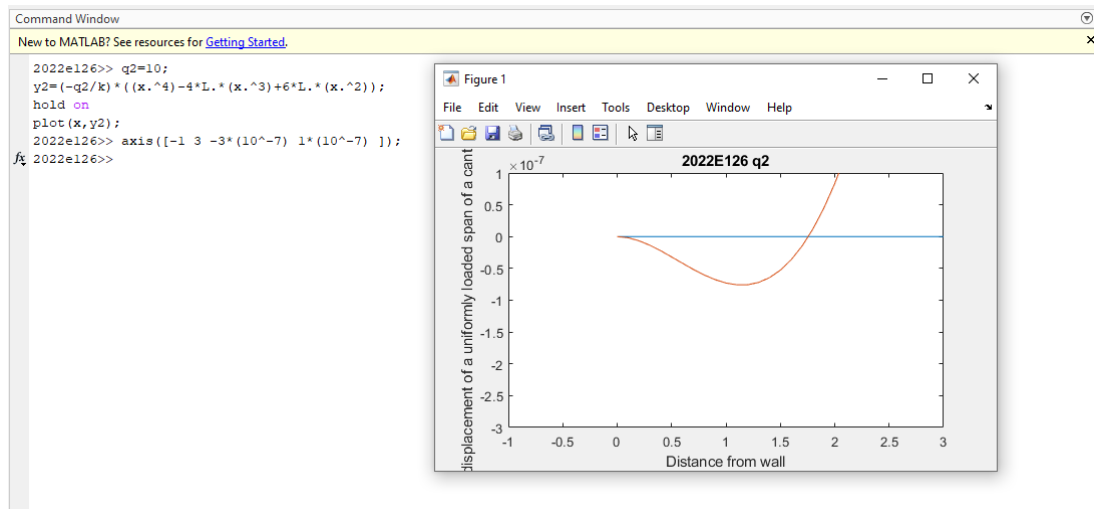
i)



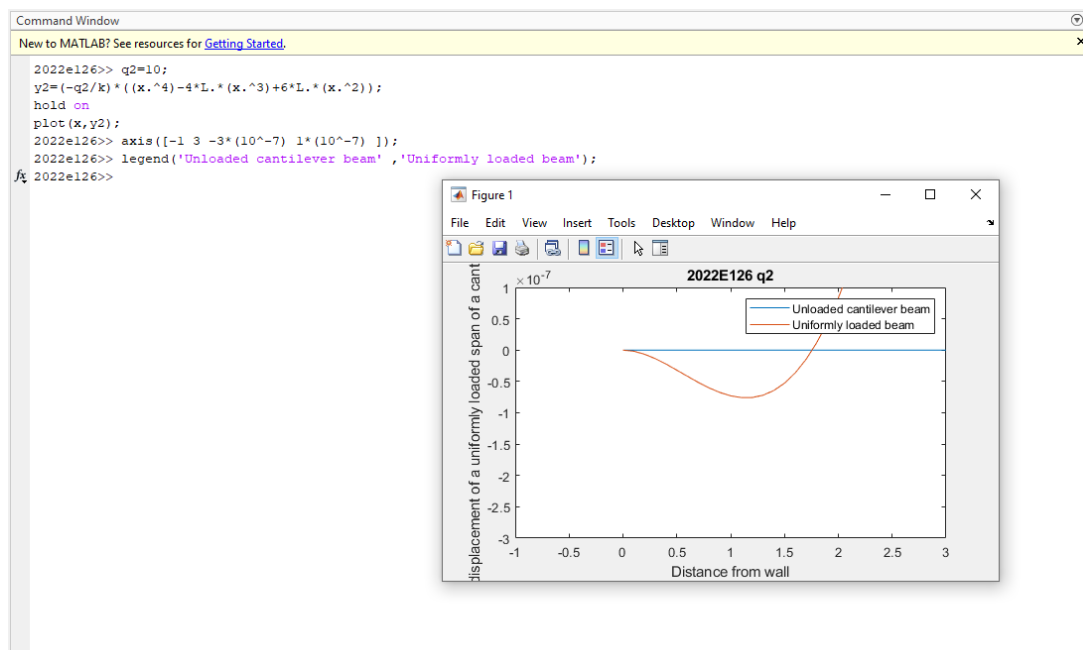
ii)



iii)



iv)



3)

a)

i)

```
Command Window
New to MATLAB? See resources for Getting Started.

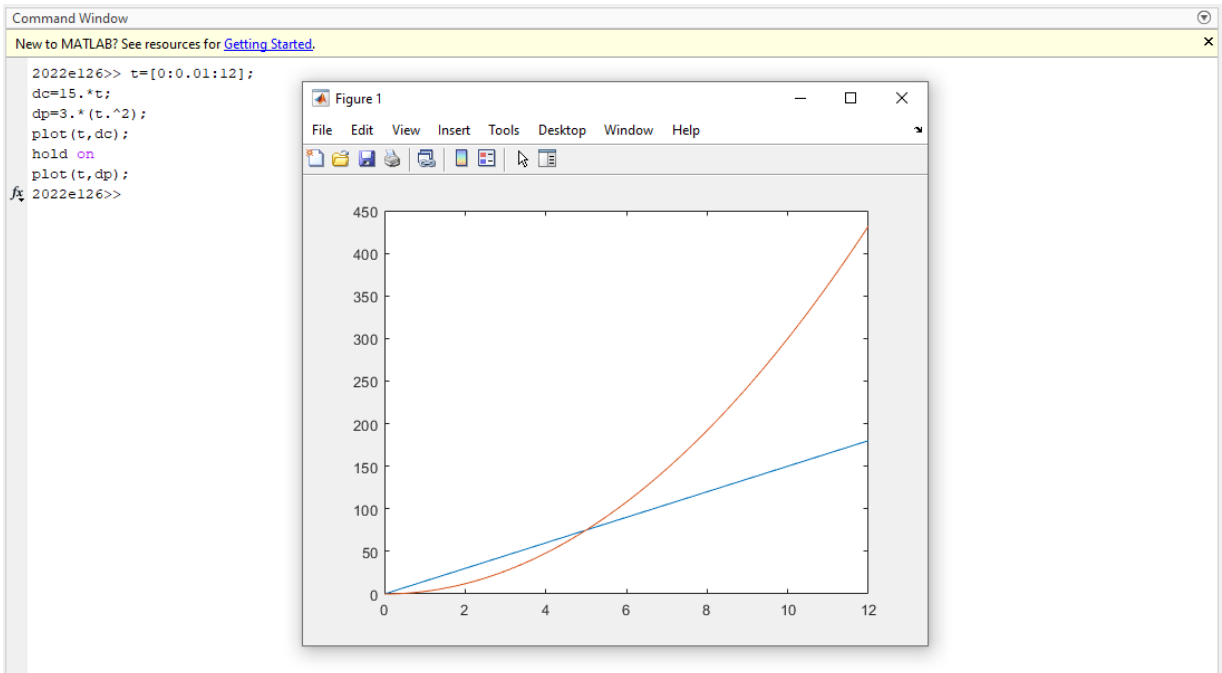
2022e126>> syms t
eqn1=3*t^2-15*t==0;
solve(eqn1,t)

ans =

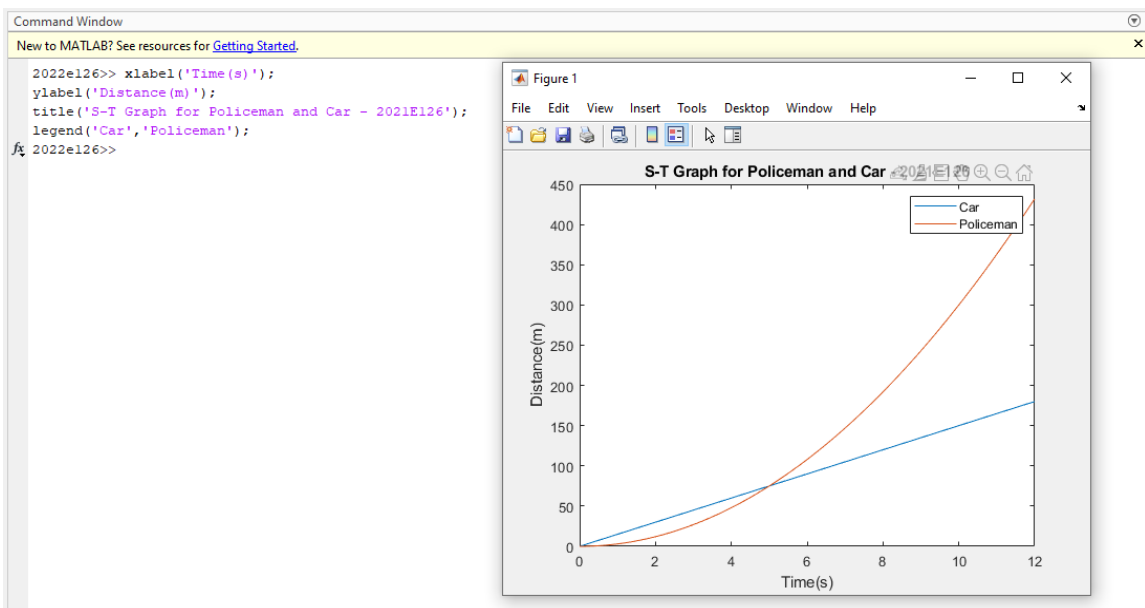
0
5

fx 2022e126>> |
```

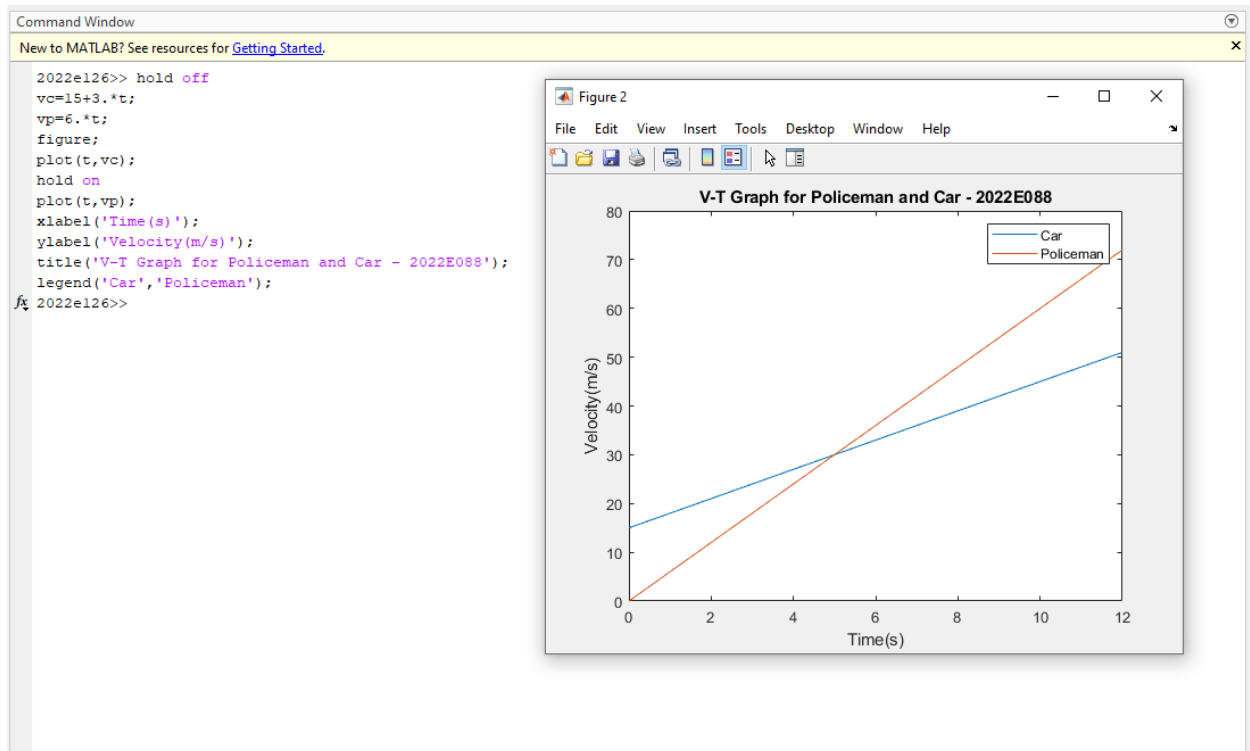
ii)



iii)

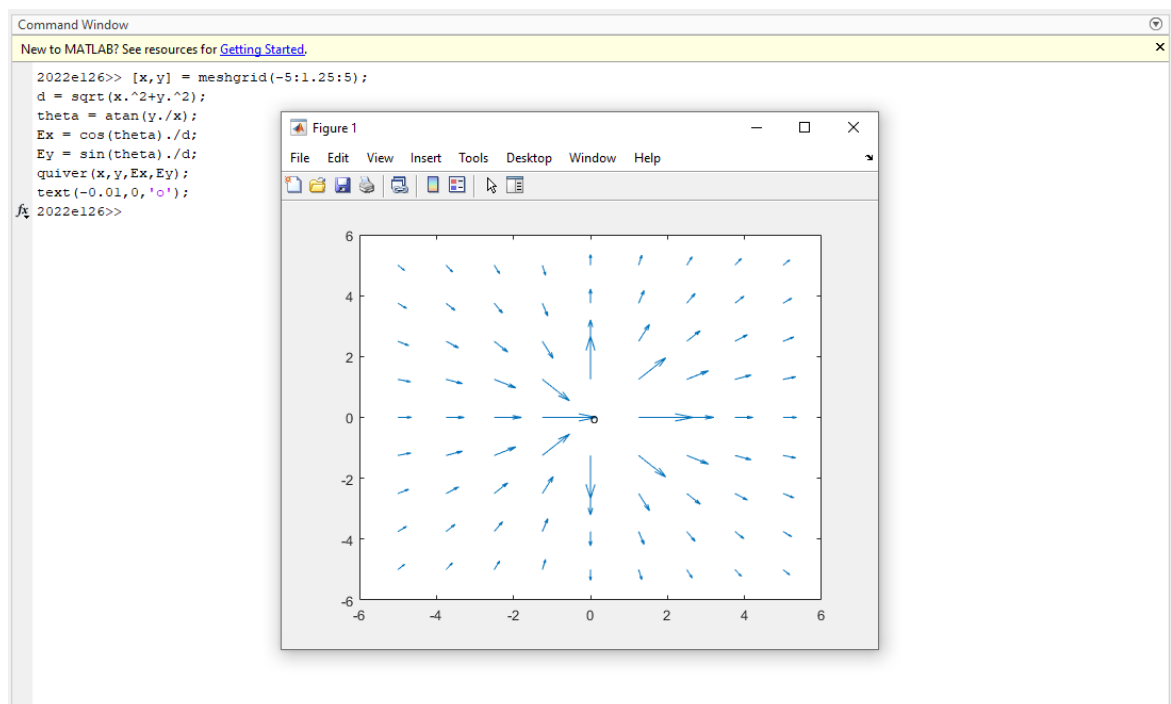


b)



4)

i)



ii)

