

# Magnetic Dipole Result file

## 1) .extract zip to same folder(it contain)

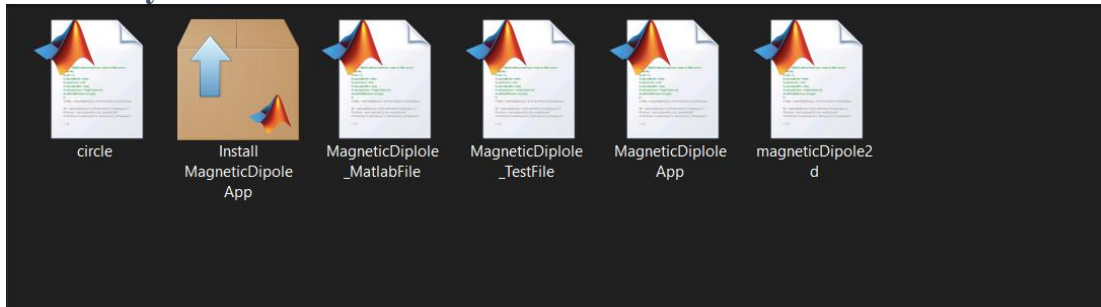
MainProgram : is in MagneticDipoleMatlabFile

TestProgram : is in MagneticDipoleTestFile

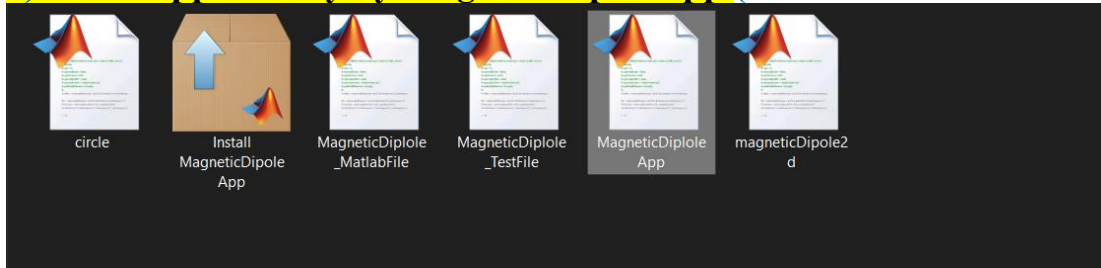
magneticDipole2d function,

Circle function,

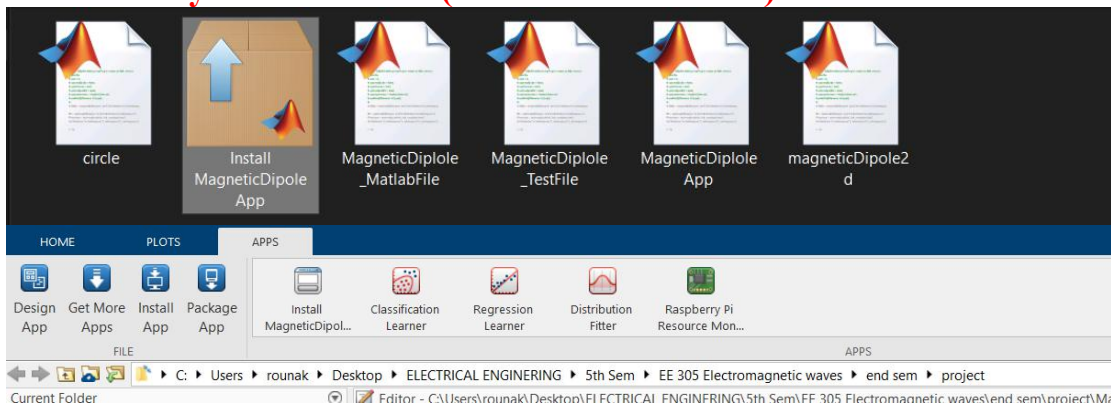
Summary file



## 2) Start app directly by MagneticDipoleApp (it take some time to run)



## Or install by intallation file(if above don't work)



## 3) After Start it appear as:

ur : to change permeability

q : to change charge

d : to change distance b/w charges

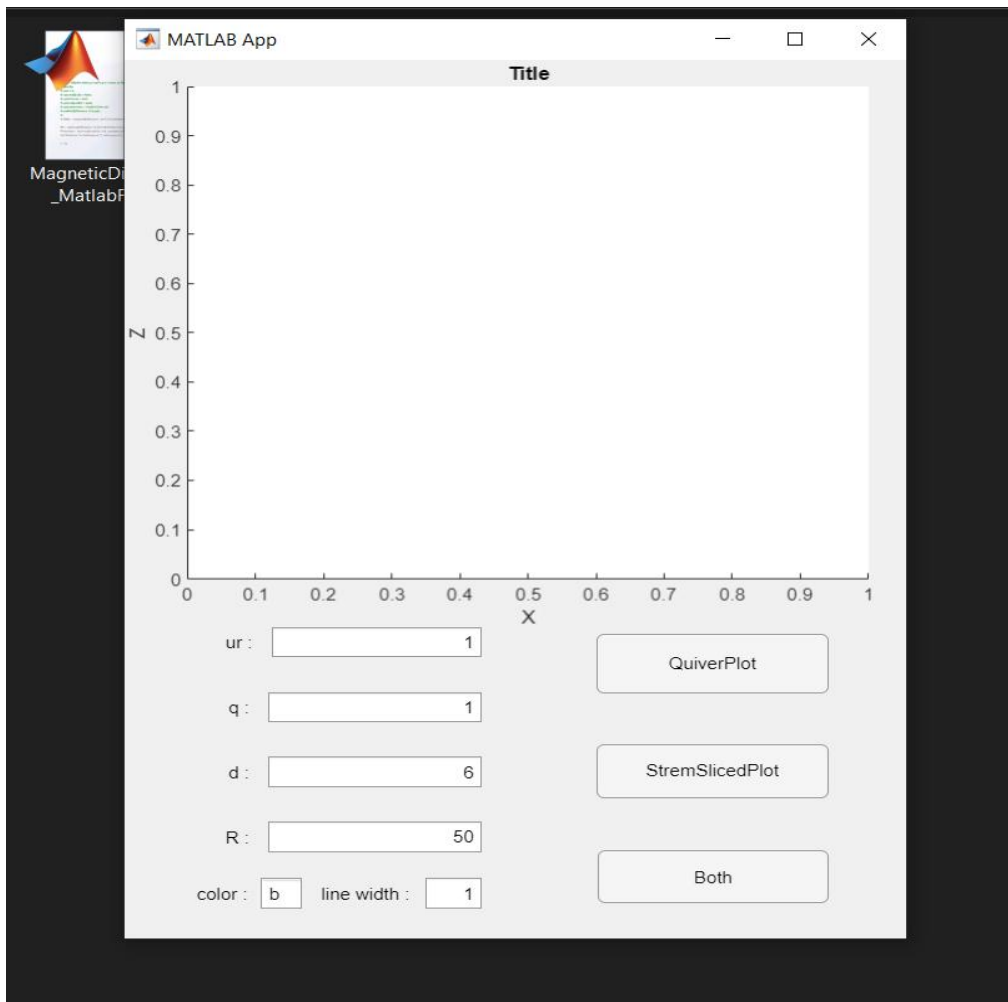
R : to change distance from dipole( $R \gg d$ )

color/linewidth : to adjust feild color and width

QuiverPlot : plot quiverplot of magnetic field

StreamSlicedPlot : plot streamsliceplot of magnetic field

Both Button :plot both simultaneously



## Testing:

