

**Advance Python Programming**

**MCA-372**

**Assignment – 03**

***BY***

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**2024-25**

**Animation :**

import pandas as pd

import matplotlib.animation as animation

from IPython.display import HTML

plt.ioff()

x = [1,2,3]

y = [1,2,3]

fig = plt.figure(figsize=(4,4))

ax = fig.add\_subplot(111)

ax.set\_xlim(0,4)

ax.set\_ylim(0,4)

point, = ax.plot([],[],'b\*')

def fun(frame):

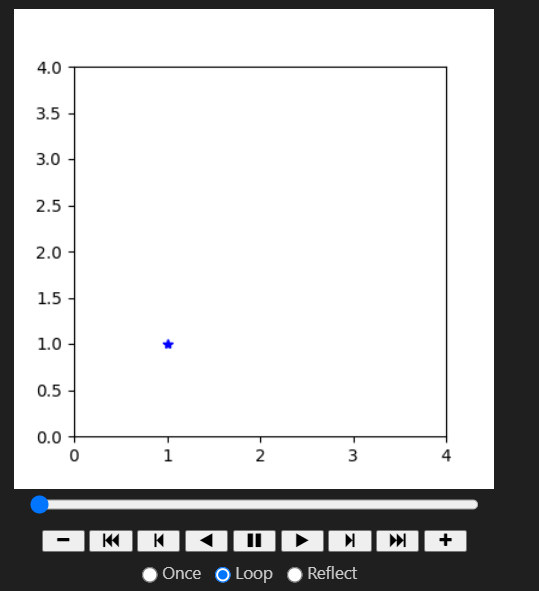
    point.set\_data([x[frame]],[y[frame]])

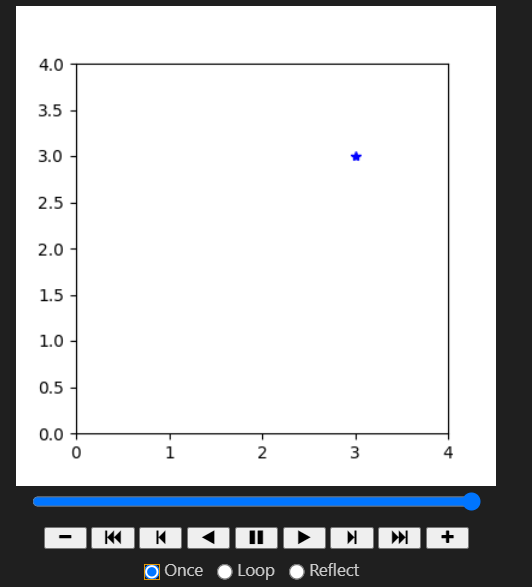
    return point,

a = animation.FuncAnimation(fig,fun,frames=np.arange(0,3),interval=200)

HTML(a.to\_jshtml())

**Output :**

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