CHRIST
(DEEMED TO BE UNIVERSITY)
DELHI-NCR, INDIA

Advance Python Programming

MCA-372

Assignment – 03

BY

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SUBMITTED TO

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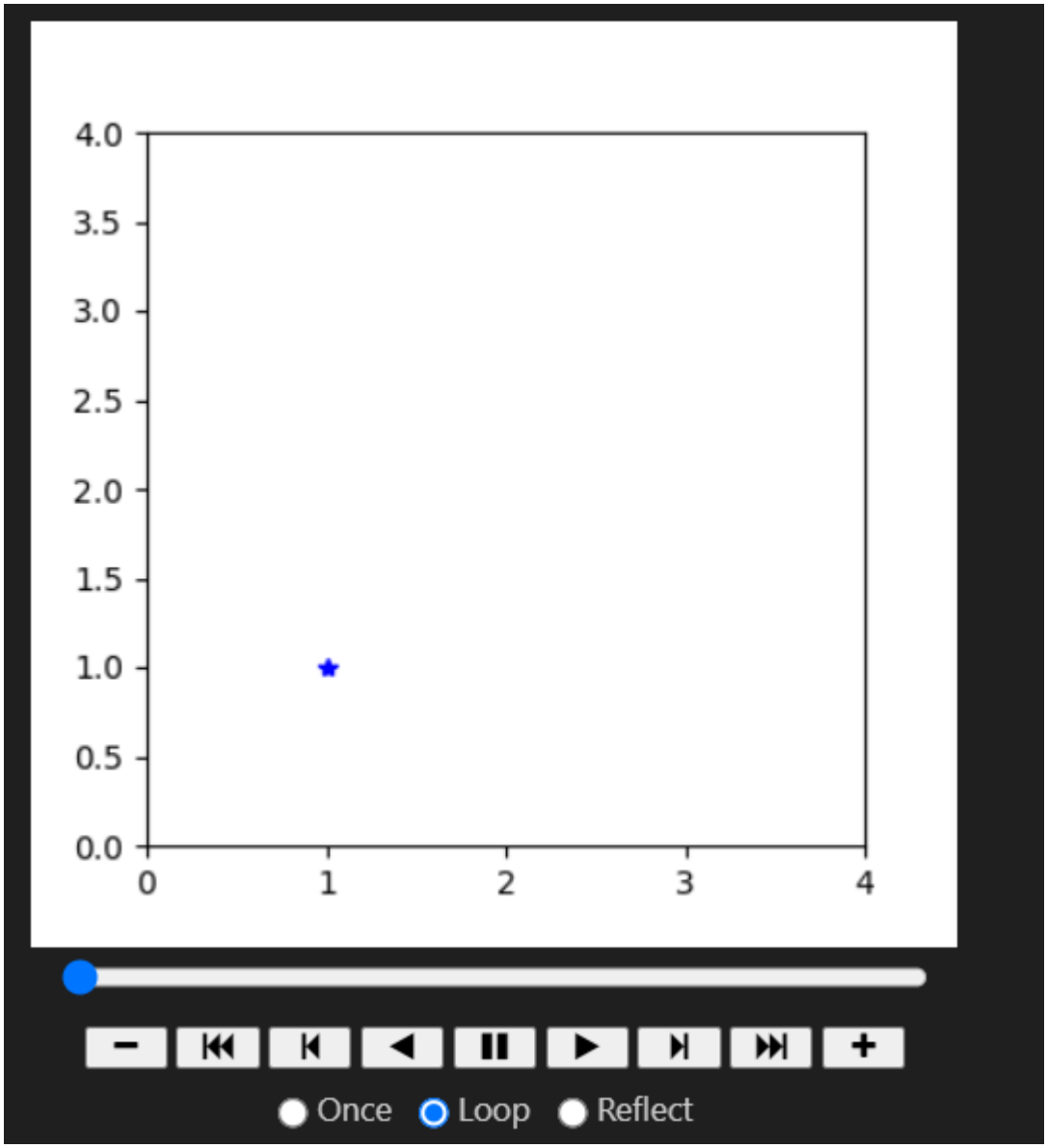
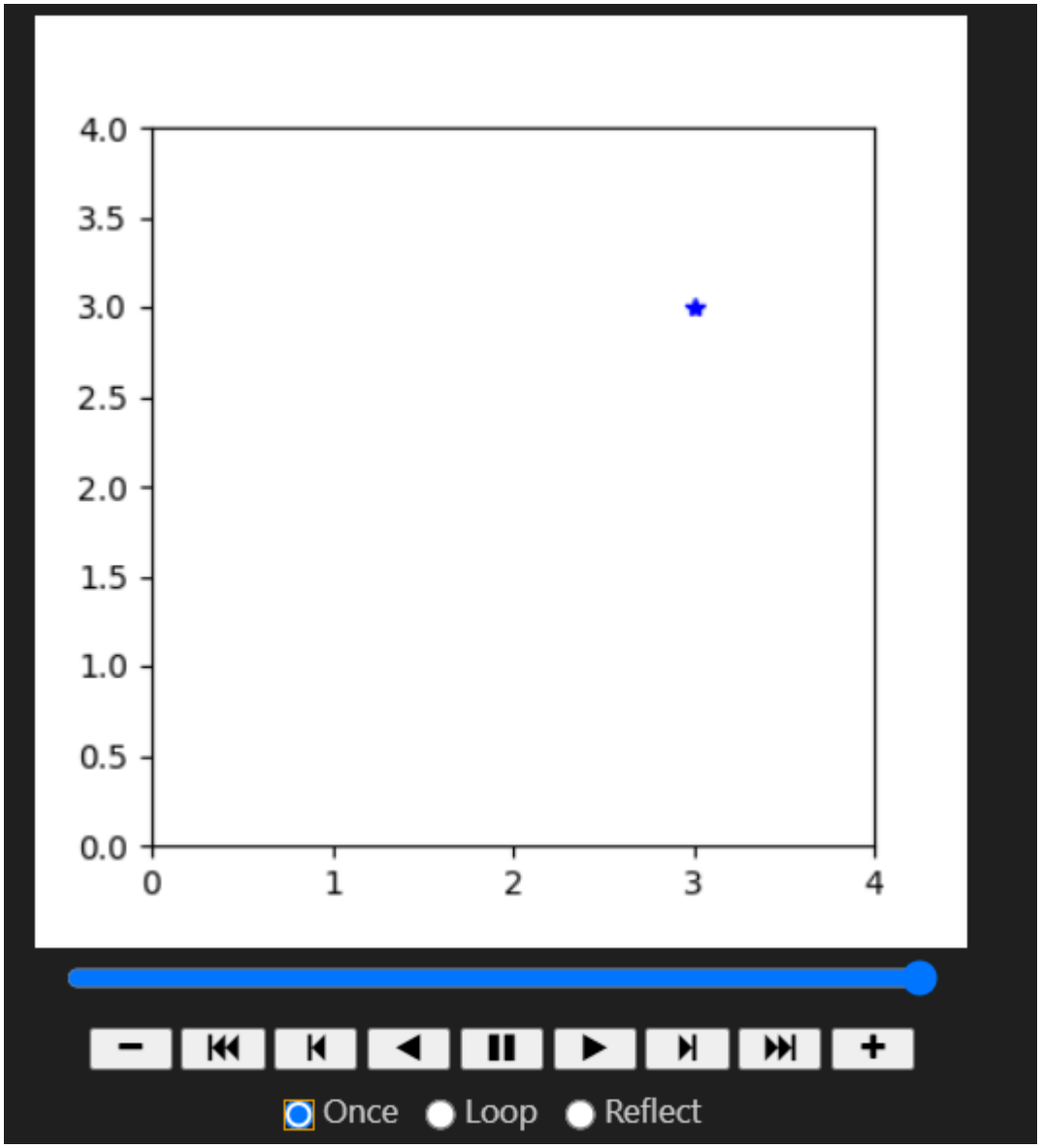
Animation :

```
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 :


4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
1
2
3
4
Once
Loop
Reflect


4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
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