

# Untitled

February 3, 2021

```
[1]: %matplotlib
```

Using matplotlib backend: Qt5Agg

```
[2]: import numpy as np
x = np.linspace(0,10)
y = x**2
print(x)
```

```
[ 0.          0.20408163  0.40816327  0.6122449   0.81632653  1.02040816
 1.2244898   1.42857143  1.63265306  1.83673469  2.04081633  2.24489796
 2.44897959  2.65306122  2.85714286  3.06122449  3.26530612  3.46938776
 3.67346939  3.87755102  4.08163265  4.28571429  4.48979592  4.69387755
 4.89795918  5.10204082  5.30612245  5.51020408  5.71428571  5.91836735
 6.12244898  6.32653061  6.53061224  6.73469388  6.93877551  7.14285714
 7.34693878  7.55102041  7.75510204  7.95918367  8.16326531  8.36734694
 8.57142857  8.7755102   8.97959184  9.18367347  9.3877551   9.59183673
 9.79591837 10.         ]
```

```
[3]: import matplotlib.pyplot as plt
plt.plot(x,y)
```

```
[3]: [<matplotlib.lines.Line2D at 0x7f700c9ce1c0>]
```

```
[4]: plt.savefig('plt_square.pdf')
```

```
[5]: pwd
```

```
[5]: '/home/jminer/Documents/ClassHours/csr07'
```

```
[ ]:
```