session8

May 2, 2025

[1]:
```
import numpy as np
import matplotlib.pyplot as plt
```

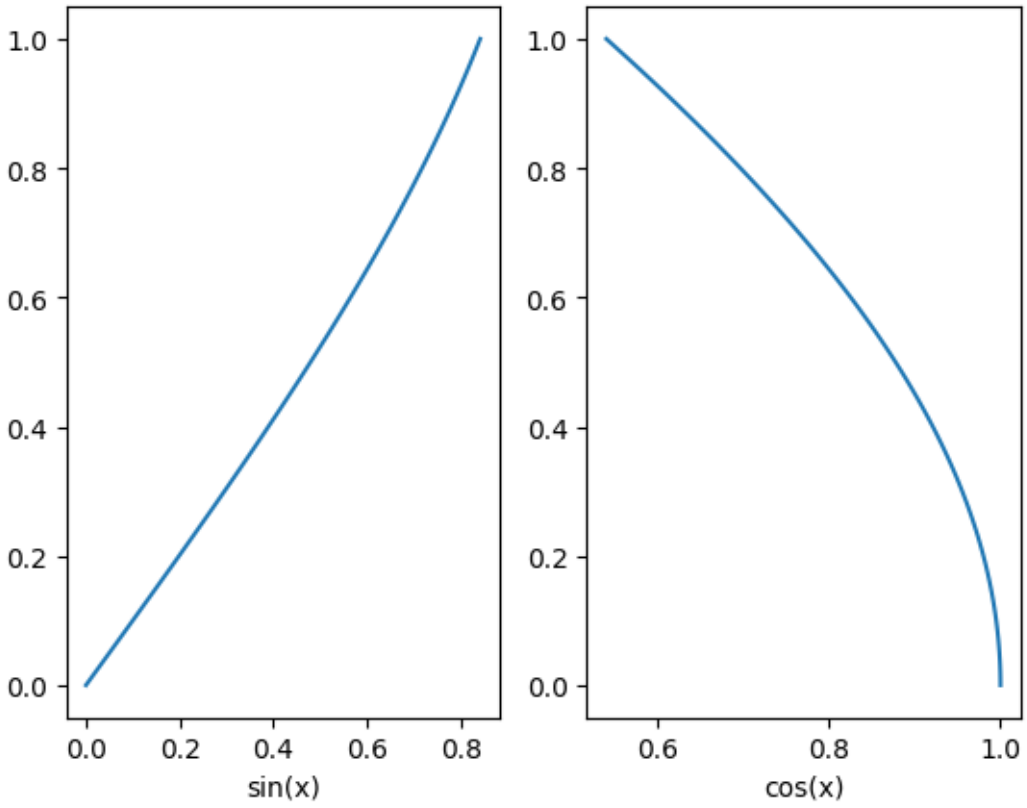
[2]:
```
x = np.linspace(0,1,100)
```

[3]:
```
def Sin(x):
    return np.sin(x)
def Cos(x):
    return np.cos(x)
```

[5]:
```
figure, axes = plt.subplots(1,2)

axes[0].plot(Sin(x),x)
axes[0].set_xlabel('sin(x)')
axes[1].plot(Cos(x),x)
axes[1].set_xlabel('cos(x)')
```

[5]:
```
Text(0.5, 0, 'cos(x)')
```


1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.2
0.4
0.6
0.8
sin(x)
1.0
0.8
0.6
0.4
0.2
0.0
0.6
0.8
1.0
cos(x)