

## Prompt 8

November 7, 2023

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

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

```
[86]: def f(x):  
    return np.sin(x)
```

```
[87]: def g(x):  
    return np.cos(x)
```

```
[88]: fig, (ax1, ax2) = plt.subplots(1, 2)  
ax1.plot(f(x), x)  
ax2.plot(g(x), x)
```

```
[88]: [<matplotlib.lines.Line2D at 0x2e28d3013d0>]
```

