

**Name: Ameya Satish Khond**  
**SJSU ID: 019136845**

```
In [1]: import numpy as np  
  
x = np.array([1, 2, 3, 4])  
y = np.array([2, 3, 5, 7])  
  
x_interp = 2.5  
  
y_interp = np.interp(x_interp, x, y)  
  
print("Interpolated value at x = 2.5 is:", y_interp)
```

Interpolated value at x = 2.5 is: 4.0

```
In [ ]:
```