

Exercise No.

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2 - Numerical Integration

```
1 import numpy as np
2 import matplotlib.pyplot as plt
3
4 a = 5
5 n = np.array([1,5,10,20,30,50])
6 xdata = np.linspace(0,1, 1000)
7
8 y = lambda x, a, n: 1/n - a*
9
10 for it in n:
11     plt.plot()
```

Listing 1: h