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1 # Contour-plotting-Example-01
2
3 # Implementation of matplotlib function
4 import matplotlib.pyplot as plt
5 import numpy as np
6
7 feature_x = np.arange(0, 50, 2)
8 feature_y = np.arange(0, 50, 3)
9
10 # Creating 2-D grid of features
11 [X, Y] = np.meshgrid(feature_x, feature_y)
12 fig, ax = plt.subplots(1, 1)
13 Z = np.cos(X / 2) + np.sin(Y / 4)
14
15 # plots contour lines
16 ax.contour(X, Y, Z)
17
18 ax.set_title('Contour Plot')
19 ax.set_xlabel('feature_x')
20 ax.set_ylabel('feature_y')
21
22 plt.show()

```

