```
"""
File Name: lines1a.py

This draws several lines in quadrant 1.

Auther: Mr. Dagler
"""

import numpy as np
import matplotlib.pyplot as plt

#Setting up the graph
ax = plt.gca()
ax.set_xlim([0,10])
ax.set_ylim([0,10])
ax.set_xticks(np.arange(0,10))
ax.set_yticks(np.arange(0,10))
ax.set_aspect(1)

#Plotting the lines in quadrant 1.
plt.plot([0, 10], [1, 0], 'm-')
plt.plot([0, 9], [2, 0], 'm-')
plt.plot([0, 8], [3, 0], 'm-')
plt.plot([0, 7], [4, 0], 'm-')
plt.plot([0, 6], [5, 0], 'm-')
plt.plot([0, 5], [6, 0], 'm-')
plt.plot([0, 4], [7, 0], 'm-')
plt.plot([0, 3], [8, 0], 'm-')
plt.plot([0, 2], [9, 0], 'm-')
plt.plot([0, 1], [10, 0], 'm-')

plt.show()
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