

```
import numpy as np
import matplotlib.pyplot as plt

colunas = 30
linhas = 15
image_matrix = np.zeros([linhas, colunas])
print(image_matrix.shape)

#G
image_matrix[4:7,1] = 255
image_matrix[7,2:4] = 255
image_matrix[3,2:4] = 255
image_matrix[5:7,4] = 255
image_matrix[5,3] = 255

#M
image_matrix[3:8,6] = 255
image_matrix[3:8,10] = 255
image_matrix[3,6:10] = 255
image_matrix[4:6,8] = 255

#F
image_matrix[3:8,12] = 255
image_matrix[3,12:15] = 255
image_matrix[5,12:15] = 255

plt.imshow(image_matrix, cmap='gray')
plt.show()
```