Tarea # 1

Héctor Fernando Carrera Soto

carné: 201700923

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1. Python

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

x = np.arange(0,2,0.01)*2*np.pi
y = np.sin(x)

plt.axis([0, 7,-1,1])
plt.plot(x,y)
plt.xlabel('x')
plt.ylabel('y')
plt.show()
```

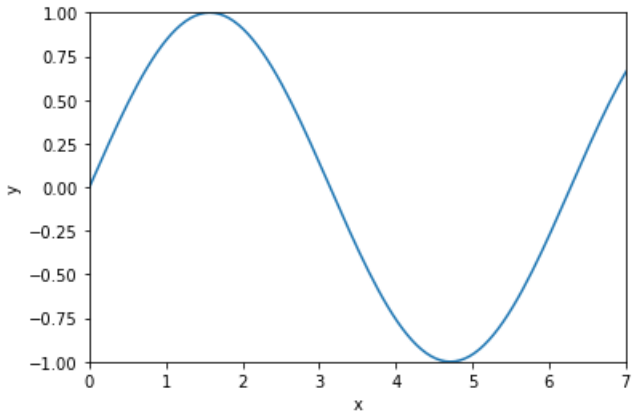

Figura 1: Gráfica resultante en python.

2. Matlab

```
x = 0:0.01:2*pi;
y = sin(x);
plot(x,y);
```

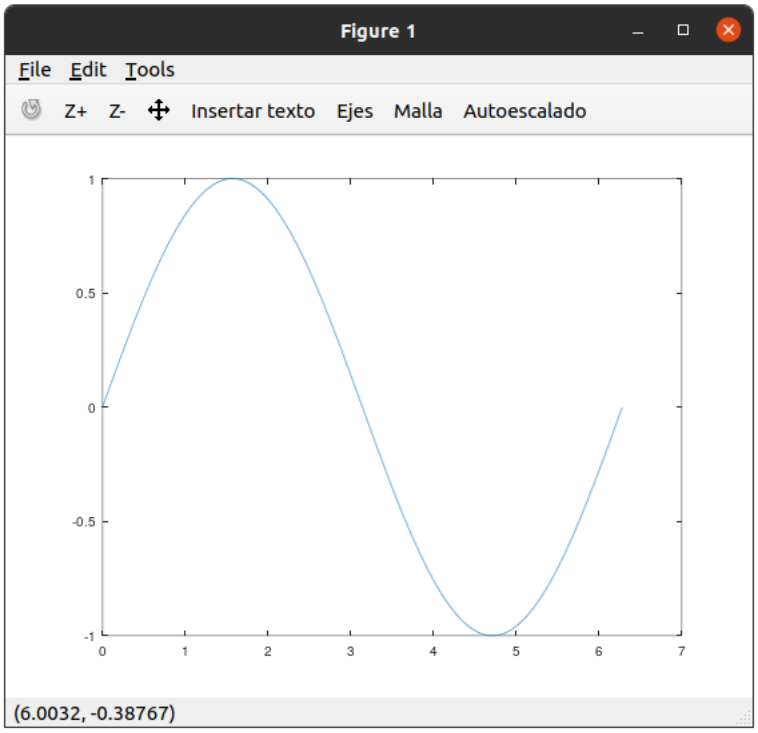

Figura 2: Gráfica resultante en matlab.