▾ Segundo Cookbook de Samuel Mayers
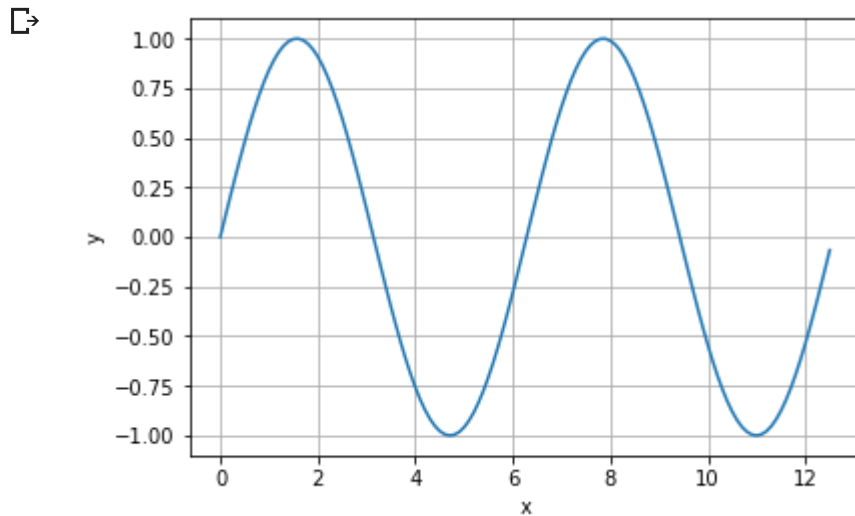
Import

```python
import math
x=input()
y=math.sqrt(int(x))
print(f'la raiz cuadrada de {x} es igual a {y}')
```

⊡→ 25
     la raiz cuadrada de 25 es igual a 5.0

From/Import

```python
import matplotlib.pyplot as plt
from numpy import arange,sin,pi

x=arange(0.0,4*pi,0.1)
y=sin(x)
plt.plot(x,y)
plt.grid(axis='both')
plt.ylabel('y')
plt.xlabel('x')
plt.show()
```

⊡→

Herencia

```python
class dominicano:
  def __init__(self,name,ID):
    self.name = name
    self.ID = ID
class profecional(dominicano):
  def salary(self):
    print(50000)
Fulano = profecional("Fulano","001-000000-1")
print(Fulano.name)
print(Fulano.ID)
Fulano.salary()
```

⊡→

```
    Fulano
    001-000000-1
    50000
```

Herencia Multiple

```python
class humano:
  def __init__(self,name,passport):
    self.name=name
    self.passport=passport
class dominicano(humano):
  def cedula (self):
    print("001-000077-1")
class estadounidense(humano):
  def ID (self):
    print("001-000088-1")
class dominicanyork(dominicano,estadounidense):
  def SS (self):
    print("AAA-GG-SSSS")
Pepito=dominicanyork("Pepito","ABC-000000-1")
print(Pepito.name)
print(Pepito.passport)
Pepito.ID()
Pepito.SS()
Pepito.cedula()
```

```
⤷  Pepito
    ABC-000000-1
    001-000088-1
    AAA-GG-SSSS
    001-000077-1
```

Link

https://colab.research.google.com/drive/1nzZyp8v4AmiHRgpBBbWUoxKMYJuroq4z