```
from random import seed
from random import random
import numpy as np
import matplotlib.pyplot as plt

plt.close("all")


#Python 1.1 - Ley de Beer
seed(1001280374)
DatosT = np.random.uniform(0, 1, 50)
T100 = DatosT*100
print(T100)

A = 2 - np.log10(T100)

#Gráficando
plt.scatter(T100,A);
plt.xlabel('Transmitancia(%)')
plt.ylabel('Absorbancia')
```

```
[18.5309296  85.98898655  7.9900176  98.45817702 40.81703466 59.15482681
 96.68060124 52.45509298 84.85745012 49.79282226 75.88599357 37.43938888
 70.39991827 70.88047212 48.16987048  0.90050377 62.76003057  2.23237066
 95.65993878 89.861675    8.86039069 32.93656967 93.95596296 72.31810233
 36.60721922 66.63804973  7.42849693 56.92670087 57.68192022 18.77966187
 93.99383044 56.34494057 85.66631212 39.44045562 85.62311786 78.93175192
 71.12406121 62.90223248 31.34406093  0.62577547 19.53084756 64.09208852
 61.0069289  31.27439512 80.18395002 60.46182491 37.73731364 18.25110945
 23.50908513 42.58884783]
Text(0, 0.5, 'Absorbancia')
```