

Python 3.8.3 (default, Jul 2 2020, 17:30:36) [MSC v.1916 64 bit (AMD64)]
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IPython 7.16.1 -- An enhanced Interactive Python.

Populating the interactive namespace from numpy and matplotlib

```
In [1]:      'C:/Users/itzam/Desktop/ITAM/7 Séptimo/ProgramaciónLineal/Proyecto/  
Proyecto.py'      = 'C:/Users/itzam/Desktop/ITAM/7 Séptimo/ProgramaciónLineal/Proyecto'
```

```
In [2]:      =      .      1  1  -4
```

```
In [3]:      =      .      9  2  4
```

```
In [4]:  
Out[4]:  
array([[9],  
       [2],  
       [4]])
```

```
In [5]:      =      1 1 2  1 1 -1  -1 1 1
```

```
In [6]:      =      .
```

```
In [7]:  
Out[7]:  
array([[ 1,  1,  2],  
       [ 1,  1, -1],  
       [-1,  1,  1]])
```

```
In [8]:      =
```

```
In [9]:      .  
Out[9]: array([3, 4, 5])
```

```
In [10]:      .  
Out[10]: array([0, 1, 2])
```

```
In [11]:      .  
Out[11]:  
array([[ 1.],  
       [ 1.],  
       [-4.],  
       [ 0.],  
       [ 0.],  
       [ 0.]])
```

```
In [12]:      .  
Out[12]:  
array([[ 1.,  1.,  2.,  1.,  0.,  0.],  
       [ 1.,  1., -1.,  0.,  1.,  0.],  
       [-1.,  1.,  1.,  0.,  0.,  1.]])
```

```
In [13]:      .      .  
Traceback (most recent call last):
```

```
File "<ipython-input-13-41577af18480>", line 1, in <module>  
    tabla1.A[tabla1.base]
```

IndexError: index 3 is out of bounds for axis 0 with size 3

In [14]:

Out[14]:
array([[1., 0., 0.],
 [0., 1., 0.],
 [0., 0., 1.]])

In [15]:

In [16]:

In [17]:

Out[17]:
array([[1., 1., 2.],
 [1., 1., -1.],
 [-1., 1., 1.]])

In [18]:

In [19]:

In [20]:

Out[20]: array([[-1., -1., 4.]])

In [21]:

In [22]:

In [23]:

Out[23]: array([-1., -1., 4., 0., 0., 0.]])

In [24]:

Traceback (most recent call last):

File "<ipython-input-24-cf1f3bb5b9a4>", line 1, in <module>
e = np.where(self.ahorros>0)[0][0]

NameError: name 'self' is not defined

In [25]:

In [26]:

Out[26]: 2

In [27]:

In [28]:

Out[28]: array([2., -1., 1.]])

In [29]:

Out[29]: array([2., -1., 1.]])

In [30]:

Out[30]:

```
array([[ 1.,  1.,  2.,  1.,  0.,  0.],
       [ 1.,  1., -1.,  0.,  1.,  0.],
       [-1.,  1.,  1.,  0.,  0.,  1.]])
```

```
In [31]: = . . .
```

```
In [32]:
```

```
Out[32]:
array([[9.],
       [2.],
       [4.]])
```

```
In [33]:
```

```
Traceback (most recent call last):
```

```
File "<ipython-input-33-809452d98f95>", line 1, in <module>
    H_w
```

```
NameError: name 'H_w' is not defined
```

```
In [34]:
```

```
Out[34]: array([ 2., -1.,  1.])
```

```
In [35]: = . <=0 - . .
```

```
In [36]:
```

```
Out[36]: array([[ 9., -inf,  4.]])
```

```
In [37]: . /
```

```
Out[37]: 2
```

```
In [38]:
```

```
Out[38]: array([3, 4, 5])
```

```
In [39]: . 2 =
```

```
Traceback (most recent call last):
```

```
File "<ipython-input-39-4ceaeaf6c29c>", line 1, in <module>
    tabla.base[2]=e
```

```
NameError: name 'tabla' is not defined
```

```
In [40]:
```

```
Out[40]: 2
```

```
In [41]: . 2 =
```

```
In [42]:
```

```
Out[42]: array([3, 4, 2])
```

```
In [43]: . 0 6 .
```

```
Traceback (most recent call last):
```

```
File "<ipython-input-43-67701b924002>", line 1, in <module>
    np.delete(np.arange(0,6),this.base)
```

```
NameError: name 'this' is not defined
```

```
In [44]: . 0 6 .  
Out[44]: array([0, 1, 5])
```

```
In [45]: .  
Out[45]: array([0, 1, 2])
```

```
In [46]: . =
```

```
In [47]: .  
Out[47]: array([0, 1, 5])
```

```
In [48]: = self.  
Traceback (most recent call last):  
  
  File "<ipython-input-48-2fbc575d7e81>", line 1, in <module>  
    A_b = self.A[:,tabla1.base]
```

```
NameError: name 'self' is not defined
```

```
In [49]: = .
```

```
In [50]:  
Out[50]:  
array([[ 1.,  0.,  2.],  
       [ 0.,  1., -1.],  
       [ 0.,  0.,  1.]])
```

```
In [51]: .  
Out[51]:  
array([[ 1.,  1.,  2.,  1.,  0.,  0.],  
       [ 1.,  1., -1.,  0.,  1.,  0.],  
       [-1.,  1.,  1.,  0.,  0.,  1.]])
```

```
In [52]: .  
Out[52]: array([3, 4, 2])
```

```
In [53]: = .
```

```
In [54]:  
Out[54]:  
array([[ 1.,  1.,  0.],  
       [ 1.,  1.,  0.],  
       [-1.,  1.,  1.]])
```

```
In [55]: = .
```

```
In [56]:  
Out[56]:  
array([[ 0.],  
       [ 0.],  
       [-4.]])
```

```
In [57]: .  
Out[57]: 1.0
```

In [58]:

Out[58]:

```
array([[ 1.,  0.,  2.],
       [ 0.,  1., -1.],
       [ 0.,  0.,  1.]])
```

In [59]:

```
= . . .
```

In [59]:

```
= . -self. self. .
```

In [60]:

Traceback (most recent call last):

```
File "<ipython-input-60-0731a3eb4e48>", line 1, in <module>
    sdad
```

NameError: name 'sdad' is not defined

In [61]:

```
= . - . . .
```

In [62]:

Out[62]: array([[3., -5., -4.]])

In [63]:

```
self. =
```

Traceback (most recent call last):

```
File "<ipython-input-63-4767406c7bfb>", line 1, in <module>
    ahorros[self.nobase]=ahorros_nb
```

NameError: name 'self' is not defined

In [64]:

```
. =
```

In [65]:

Out[65]: array([3., -5., 4., 0., 0., -4.])

In [66]:

Out[66]: array([[3., -5., -4.]])

In [67]: print "Aqui hay un error, el 4 sigue apareciendo, no debería haberse ido?, solo
Los hago cero y ya?"

Aqui hay un error, el 4 sigue apareciendo, no debería haberse ido?, solo los hago cero y ya?

In [68]: