Third_EXC

In [8]:
```
def my_sort_Column(x):
    order = np.where([ x[:,1]==np.sort(x[:,1])[i] for i in range(x.shape[1]) ])
    print(x[order[1]])
def my_sort_Row(x):
    order = np.where([ x[1,:]==np.sort(x[1,:])[i] for i in range(x.shape[1]) ])
    print(x[order[1]])
```

Test

In [16]:
```
import numpy as np
a = np.array([[10, 9, -4, 20], [18, 3, 5, 21], [-4, 0, 10, 11], [15, -2, 10, 1]])

print("a is :\n",a,"\n\n\n")

print("Sort by secound row :\n");my_sort_Row(a)
print("Sort by secound Column :\n");my_sort_Column(a)
```

```
a is :
 [[10  9 -4 20]
 [18  3  5 21]
 [-4  0 10 11]
 [15 -2 10  1]]



Sort by secound row :

[[18  3  5 21]
 [-4  0 10 11]
 [10  9 -4 20]
 [15 -2 10  1]]
Sort by secound Column :

[[15 -2 10  1]
 [-4  0 10 11]
 [18  3  5 21]
 [10  9 -4 20]]
```

:)