

wisrovi / 03MAIR---Algoritmos-de-Optimizacion---2019



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Code

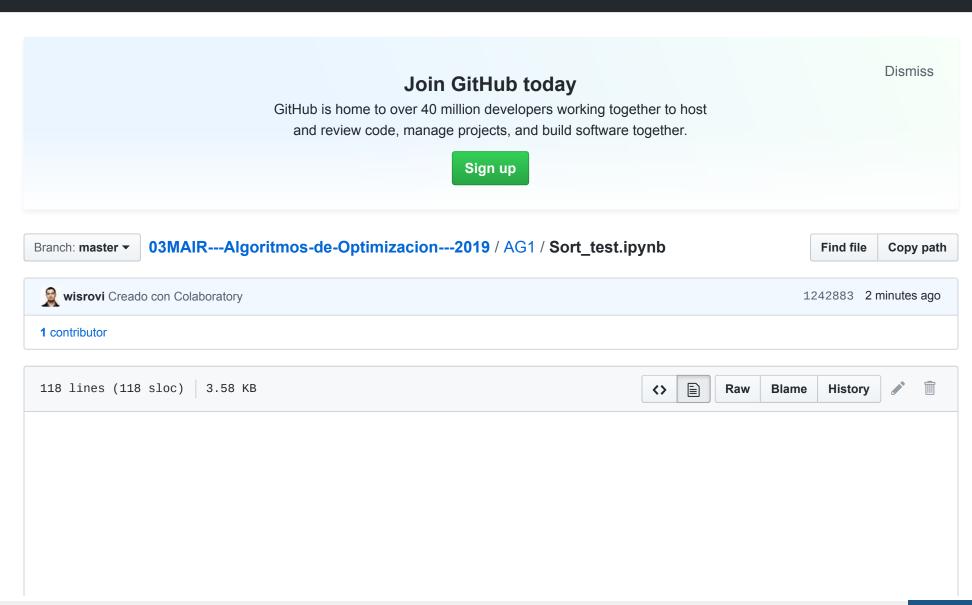
Issues 0

Pull requests 0

Projects 0

Security

Pulse





```
In [1]: !pip install sorting
        Collecting sorting
          Downloading https://files.pythonhosted.org/packages/5a/a7/97e31ce3b9c16f1041bb94063a2778
        b666ef8ee5862094c248e9445c454c/sorting-1.0.3.tar.gz
        Building wheels for collected packages: sorting
          Building wheel for sorting (setup.py) ... done
          Created wheel for sorting: filename=sorting-1.0.3-cp36-none-any.whl size=5882 sha256=9cf
        ce4c51074db6f42464faa3a8164432bbb0d677d6bd09c7652e1e6d328bfcb
          Stored in directory: /root/.cache/pip/wheels/eb/f9/9d/ea128e53c92937b3f10b15f961f1000686
        15df83d0b7c3affc
        Successfully built sorting
        Installing collected packages: sorting
        Successfully installed sorting-1.0.3
In [0]: from functools import wraps
        from time import time
        def calcular tiempo(f):
            @wraps(f)
            def cronometro(*args, **kwargs):
                t inicial = time()
                salida = f(*args, **kwargs)
                t final = time()
                print('Tiempo transcurrido (en segundos): {}'.format(t final - t inicial))
                return salida
            return cronometro
In [5]: import sorting
        lista = [4,5,32,2,53,67,23]
        @calcular tiempo
        def ordenar(lista):
          lista ordenada = sorting.bubble(lista)
          return lista ordenada
        print(ordenar(lista))
```

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Tiempo transcurrido (en segundos): 1.2874603271484375e-05 [2, 4, 5, 23, 32, 53, 67]

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