

1 Quick sort w Pythonie

Poniższy kod to algorytm *quick sort* zaimplementowany w Pythonie:

```
1 def qsort(arr):
2     if len(arr) <= 1: return arr
3     p = arr.pop()
4     left = [a for a in arr if a < p]
5     right = [a for a in arr if a >= p]
6     return qsort(left) + [p] + qsort(right)
```

2 Moduł *multiprocessing*

```
1 from multiprocessing import Process
2 import os
3
4 def info(title):
5     print title
6     print 'module_name:', __name__
7     print 'parent_process:', os.getppid()
8     print 'process_id:', os.getpid()
9
10 def f(name):
11     info('function_f')
12     print 'hello', name
13
14 if __name__ == '__main__':
15     info('main_line')
16     p = Process(target=f, args=('bob',))
17     p.start()
18     p.join()
```