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MODUL 8

Nomor 4

Queue

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Priority Queue

Nomor 5

```
*nomor5.py - D:\Tugas\Praktikum ASD\Modul8\nom... - \square \times Python 3.7.2 Shell
                                                                      File Edit Shell Debug Options Window Help
Python 3.7.2 (tags/v3.7.2:9a3ffc0492, Dec 23 2018, 23:
File Edit Format Run Options Window Help
import heapq
                                                                        O9:28) [MSC v.1916 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for
class Prior(object):
    def __init__(self):
    self.qlist= []
                                                                        more information.
    def __len__(self):
    return len(self.qlist)
                                                                         >>>
                                                                               ======= RESTART: D:\Tugas\Praktikum ASD\Modul8\
                                                                         nomor5.py ======
    def isEmpty(self):
                                                                        [(1, 'A'), (2, 'B'), (3, 'C')]
[(1, 'A'), (2, 'B')]
>>>|
         return len(self)==0
    def enqueue(self, data, prior):
         heapq.heappush(self.qlist, (prior, data))
         self.qlist.sort()
    def dequeue(self):
         return self.qlist.pop(-1)
a = Prior()
a.enqueue('C', 3)
a.enqueue('A', 1)
a.enqueue('B', 2)
print(a.qlist)
a.dequeue()
print(a.qlist)
```