Memory Allocation

|  |  |
| --- | --- |
| Global replacement | Local replacement |
| Execution time may vary greatly | Execution time may vary tiny |
| Throughput greater | Throughput smaller |
| More commonly used | Uncommonly used |
| NULL | Possibly underutilized memory |

|  |  |  |
| --- | --- | --- |
|  | Global replacement | Local replacement |
| Pro | 1. More convient 2. In ideal, less page faults   since the process searches all frames. | (1)Execution time may vary tiny  (2)Throughput smaller |
| con | (1)Execution time may vary greatly  (2)Throughput greater | (1)In ideal, much more page faults.  (2) Possibly underutilized memory |

