* Using [Priority Queue]
* Queue
  + [
    - {Mango, 5}
    - {Orange , 4}
    - {Pineapple, 4}
  + ]
  + Iteraration 1
    - T1
      * [
        + {Mango, 5}
        + {Ornage 4}
        + {Pineapple, 4]
    - T2
      * [
        + {Pineapple, 4]
      * ]
    - T2
      * [
        + {Pineapple, 4]
        + {Mango, 4}
        + {Ornage 3}
      * ]
  + ]

| Time (in seconds) | Mango  5 | Orange  4 | Pineapple  4 |  |
| --- | --- | --- | --- | --- |
| 1 | #  4 | #  3 | %  4 |  |
| 2 | #  3 | %  3 | #  3 |  |
| 3 | #  2 | #  2 | %  3 |  |
| 4 | %  2 | #  1 | #  2 |  |
| 5 | #  1 | %  1 | #  1 |  |
| 6 | #  0 | #  0 | %  1 |  |
| 7 |  |  | #  0 |  |

* Using [Priority Queue]

| Time (in seconds) | Mango  1 | Orange  4 | Pineapple  2 |  |
| --- | --- | --- | --- | --- |
| 1 | %  1 | #  3 | #  1 |  |
| 2 | #  0 | #  2 | %  1 |  |
| 3 |  | #  1 | #  0 |  |
| 4 |  | #  0 |  |  |

* Without [Priority Queue]

| Time (in seconds) | Mango  5 | Orange  4 | Pineapple  4 |  |
| --- | --- | --- | --- | --- |
| 1 | #  4 | #  3 | %  4 |  |
| 2 | #  3 | #  2 | %  4 |  |
| 3 | #  2 | #  1 | %  4 |  |
| 4 | #  1 | #  0 | %  4 |  |
| 5 | #  0 |  | #  3 |  |
| 6 |  |  | #  2 |  |
| 7 |  |  | #  1 |  |
| 8 |  |  | #  0 |  |