1.)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 1. Run | 2. Run | 3. Run | 4. Run | 5. Run |
| Q | 1 | 2 | 4 | 8 | 16 |
| Acc | 1 | 3 | 7 | 15 | 31 |

2.) A: 278,75

B: 167,5

B will be scheduled first

3) CPU-Bound: the time to finish is determined by the speed of the CPU

I/O-Bound: the time to finish is determined by the I/O-operation to complete

4) 35/50 + 20/100 + 10/200 + x/250 <= 1

x = 12,5 ms