**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 finishing time is determined by the speed of the CPU.**

**I/O-Bound: the finishing time is determined by the I/O-operation to complete.**

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

**x = 12,5 ms**