**1)** 5 swaps

1+2+4+8+15 = 30

**2)** 50/8 + 150/8 + 300/4 + 85/2 = 142.5

300/8+ 150/8 +85/4 +50/2 = 102.5

The 2. Process because the average is smaller.

**3)**

I/O bound: (highly dependent on user input) small quanta, light weight.

CPU-bound: no user input, does a lot of work.

CPU-bound need more quanta but the I/O bound also have to have enough quanta for a fluid user experience.

**4)**

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

x= 12,5