1)
When the action of a user would create a new process, for instance clicking a help button that opens a webpage. The webpage would be the next process.

2)

G	B	A	D	C	F	H	E
2	5	8	12	16	21	34	55

Minimal average turn-around-time: 51,125

3)
Since the process occurs twice in the list it will get twice as much runtime as the other processes that only occur once.