c. (15 points) Consider the following processes, arrival times, and CPU processing requirements:

Process Name	Arrival Time	Processing Time
1	0	3
2	1	5
3	3	2
4	9	2

For each of the following scheduling algorithms, fill in the table with the process that is running on the CPU (for timeslice-based algorithms, assume a 1 unit timeslice): For RR, assume that an arriving thread is ~~scheduled to~~ run at the beginning of its arrival time.

Time	**FIFO**	**RR**	**SRTCF**
0	**1**	**1**	**1**
1	*1*	*2*	*1*
2	*1*	*1*	*1*
3	*2*	*3*	*3*
4	*2*	*2*	*3*
5	*2*	*1*	*2*
6	*2*	*3*	*2*
7	*2*	*2*	*2*
8	*3*	*2*	*2*
9	*3*	*4*	*2*
10	*4*	*2*	*4*
11	*4*	*4*	*4*
Average response time	*3+7+7+ 3/ 4 = 5*	*6+10+4 +3/ = 5.75*	*3+2+9+3/ 4= 4.25*

Each column is worth 5 points: 3 for correctness of the schedule (we deducted 1/2/3 points if you made minor/intermediate/major mistakes), and 2 for the average response time (1 point was deducted for minor errors).