DAT103-oblig1: Student number: 671433

Task 3:

3.1: Round Robin scheduling:

	1						
3							
3		21 Round Polin School	ulina				
3	Proce	Process Boursttime Arrival time Process Bursttime Arrival time					
3	T1		Tocess pe	8	11		
3							
3	T2	2 0	TZ	6			
3	T3	4 0	TS	4	- 11		
3	Ty	6 6	T9	2			
3	T5	8 0	TIO	1	- 11		
3							
•							
9	1	T2 T3 T4	T5	T6	17		
9	0	1 2 3 9 5 6 7 8	9 10 112	12 13 19	15 16 17 18		
3							
9	1 18	T9 110 T3 T4	T5	T6	17		
	18 19	20 21 22 23 24 25 26 27		31 32 33	34 35 36 37		
4							
3 3 3	T8	TS Tb					
4	37 38						
3							
9		Wating time:					
	-	TIED	76=(12-1	1)+(31-15)+(40-34) = 23		
9		T2 = 1					
9		$T_3 = 3 + (24-6) - 21$ $T_8 - (18-11) + (37-21) = 23$					
7		Ty = 6 + (25.9) = 22 $T9 = 21 - 11 = 10$					
7		$T_5 = 9 + (28 - 12) + (38 - 31) = 32$ $T_{10} = 23 - 11 = 12$					
7							
9		The talk has waite land at it. The					
7		The task who waits longest is T5					
9		The task who waits shortest is T1					
9		The average waiting time is = 0+1+21+22+32+23+20+23+10+12/10					
9	-	= 164/10 = 16,4					
9							
9							

3.2: First Come First Serve scheduling:

Piocess T1	BurstTime Avrivaltime	Prosess Burstlime Arrivallime T6 & 11 T7 6			
T3 T4	4 0	T8 4 11 T9 2 11			
T5	8 0	T10 1 11			
T1 T2 0 1 2 3	T3 T4 T9 10	T5 14 15 16 17 18 19 20			
21 22 3: 24	T6 T 28 29 30 31	7 T8 T9 T10 32 33 74 35 36 37 38 30, 40 41 43			
	Waiting time $T1 = 0 T6 = 21$				
	T2 = 1				
	T3 = 3 T8 = 35				
	$T_{4} = 7$ $T_{9} = 39$ $T_{5} = 13$ $T_{10} = 41$				
	The task who wait longest is T10				
	The task who wait shortest is T1				
	The average waiting time is=0+1+3+7+13+21+29+35+39+41/10 = 189 ÷ 10 = 18,9				