

	Rubrics	Full Points	Points
	1. Reservation management	20	
	No compile error (Kernel / Modules)	2	2
Correctly reserve a new task (set_rsv)	If pid is 0, apply reservation for calling task correctly	3	3
	If pid is a specific pid, apply reservation for that task correctly	3	3
	Return -1 if a task has already a reservation	2	0
	Run by specified period T and C	5	5
Correctly cancel a new task (cancel_rsv)	Correctly cancel the specified pid task from the reservation framework	3	2
	No kernel panic or errors after cancellation	2	1
	2. RT priority assignment	20	
Correctly assign RT priorities for multiple tasks based on their periods	No compile error	5	5
	Multiple tasks can be reserved (at least three)	5	5
	Correctly RT priority assignments	5	5
	Correctly schedule RT scheduling (SCHED_FIFO) for reservation tasks	5	5
	3. Periodic task support	20	
	Correctly make a reserved task sleep mode	15	15
	Return correct values based on reservation (0 or -1)	5	5
	4. Computation time tracking	30	
Implementation of accumulator	Keep track of computation time across context switches	10	5
	Reset the accumulator at every period	10	10
	Print message when a task has exceeded its budget	10	10
	5. Budget overrun notification	5	
	Implemented and working correctly	5	5
	6. Write up	10	10
	Total		96