## Assignment 9

The following tasks are scheduled by the ukernel scheduler task (units are clock ticks):

Task	execution time	period	deadline
T1	2	10	4
T2	6	20	12
T3	5	10	10.

For questions 1-2, show a Gantt chart for first major schedule period as your proof.

OTI OBT3 PenTZ Pages	1)Does Deadline-Monotonic scheduling work for these 3 tasks?  11
	2/10 t 6/20 + 5/10 = 100% already - no room for scheduler task
	4)Using fixed utilization priority scheduling, prove without the Gantt chart why the above 3 tasks will not be schedulable with this algorithm.
	TI will have lovest priority so that it will Miss its deadling since it has the shortest deadline For Question 5, the following tasks are scheduled by the ukernel scheduler task (units are
	clock ticks):
	Task execution time period deadline T1 2 10 10
	T2 4 14 14
	T3 10 35 35
IN I major Tils ex out of	times $4p = 4q = 714$ $= .83$