Name		Signature	Student Id Nr	Points	
Operating Systems, miniexam 2, 2.2.2015 (6p) Write your answer on this exam paper in the space given. Please notice, that the exam paper is 2-sided.					
a)	a) [1 p] How do kernel level threads (KLT) differ from user level threads (ULT)?				
b)	[1 p] What advantage is there in KLT	rs as compared to ULTs? What disadvan	tage?		
c)		4% of executed code is such that it mus allelized for 10 threads. The execution ties system?	•		
	What is the execution time in 16-co	re system?			

d)	[2 p] Give an example on a situation where ULT $T$ state can be "executing", but the instructions for given thread $T$ are not currently executed by the processor.
	When will $T$ get really executed? How is the decision made?
e)	[1 p] What problem is related to ULT blocking I/O and the overall processing speed of multithreaded applications?
	Why does the same problem not exist with KLTs?