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Course ECE354 Real-time Operating Systems
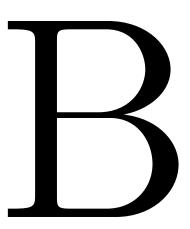
Quiz IB

May 31, 2010

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Be concise, short, and to the technical point in your answers. Otherwise, you will be unable to answer all questions in time.

1. What material did you **mainly** use to prepare for the quiz? <u>Pick only one;</u> any selection will get you full points. *[2p]*

   □Printed book   □Electronic book   □Own notes on slides   □Abstain

2. What is the program status word? List and explain three elements of the program status word? *[6p]*

3. What are the two typical stack operations? Give an example how one can use stacks well in an OS or during program execution? *[6p]*

4. Describe four of the many steps an operating system executes when it spawns a new process. *[8p]*

   End of quiz. Total points: 22

B

Quiz guide: The exam consists of 4 questions listed on one page. The exam's total number of points is listed at the end. The quiz duration is 16 minutes. Note make sure you don't have the same quiz ID as any of your neighbours. If you have, say so immediately. **If you don't, you will invalidate your score.**