Algorihms & Data Structures

Written Exam & Workshop - Week 20

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Spring 2019

Overview: the last weeks of the course
– *'Looking for the summer...' [Chris Rea]*

Date	Week	Teacher	Study Points	Reading, NB: due date!	Main subject	Subject and Goal
16-4-2019	16	-	-	-	-	EASTER HOLIDAY
23-4-2019	17	JTF	-	-	Mid term. + Exam.	Midterm: Course Evaluation and Examination.
30-4-2019	18	AKA/JTF		5.2	Con Amore	Tries / KD-Trees, Project 5 selection and definition.
7-5-2019	19	JTF/AKA	20	5.5	Con Amore	Work on Project 5, and student selected topics / or we choose.
14-5-2019	20	JTF (AKA)			Con Amore, written exam.	Work on Project 5, and student selected topics / or we choose.
21-5-2019	21	JTF	10		Group presentations on a given topic.	Topic within entire syllabus, training presentation skills
03/06/2019		**Final exam**				

Program, Week 19

1. Written Exam – **mandatory for passing course!**

2. Work in groups on Project 5.

3. Choice of theory to review (if any? - your choice! :-)).

4. Choice of group presentation topic.

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Project 5 – reaching a level of independence…

You get to choose your topic (from a list of four):

1. **Out-of-core Sorting** of 'Big Data'

2. **Text Mining**, using Tries for sorting 'Big Data'

3. **Error detection/correction** in sorting of 'Big Data'

4. **kD-Tree acceleration**, searching kD spaces w/applications

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