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Technology, Access, and Learning. Is having the PowerPoints the Same as Learning the Material?

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Technology, Access, and Learning

Is Having the PowerPoints The Same as Learning the Material?

Dr. Margot Rudstrom Agriculture and Natural Resource Department

Background

- UMC students have laptops
- Over 70% of UMC courses have websites via Moodle
- Students expect access to lecture PowerPoint presentations as their primary source of lecture notes
- Course grades in two upper division courses were declining over time
- Replaced pop quizzes with handwritten notes as part of course grade

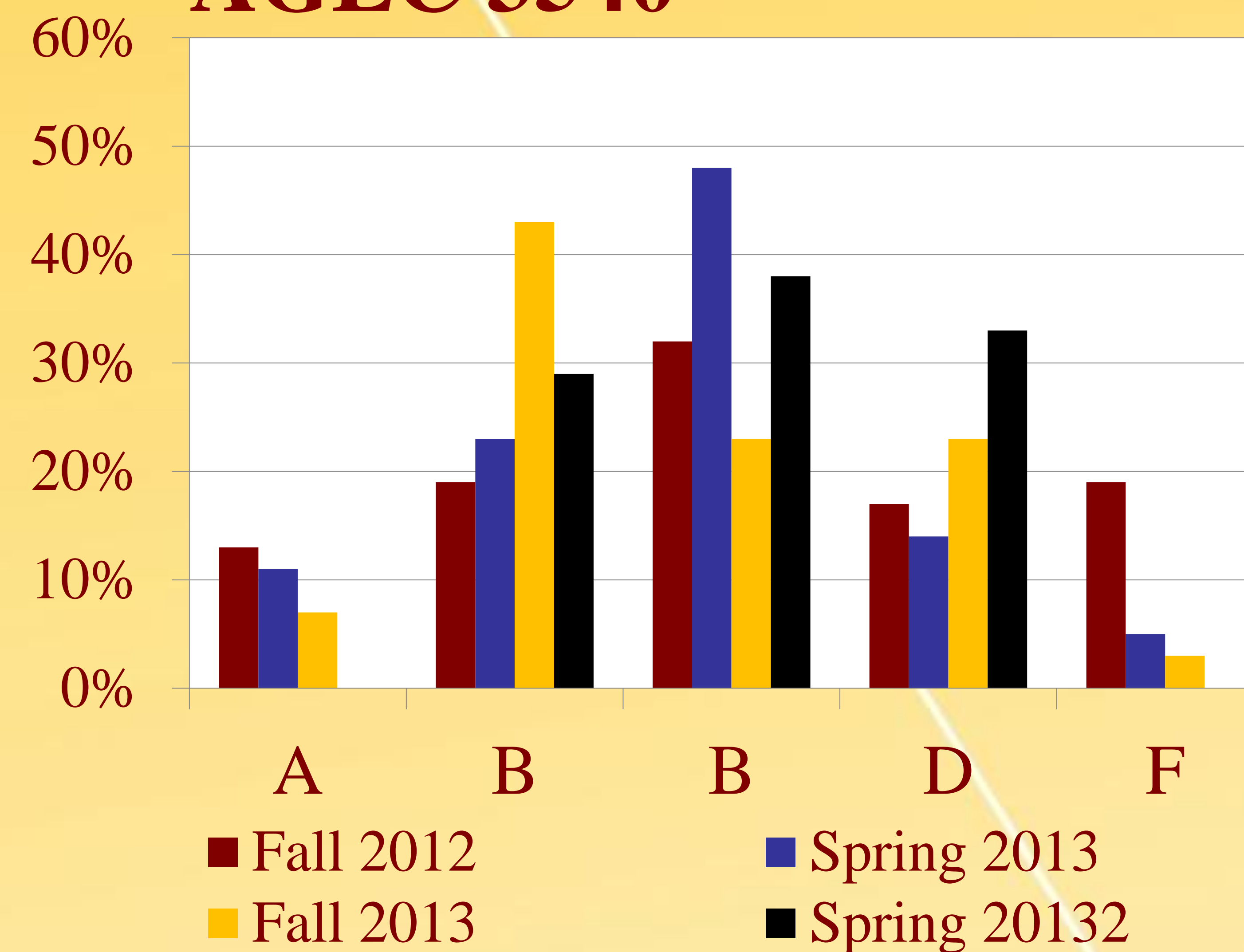
Data 2012-2014

- AGEC 3540 Farm Business Management
- AGEC 4740 Grain and Livestock Marketing
- 2012-2013 had pop quizzes and access to PowerPoint lectures
- 2013-2014 had handwritten notes and no PowerPoint lecture access

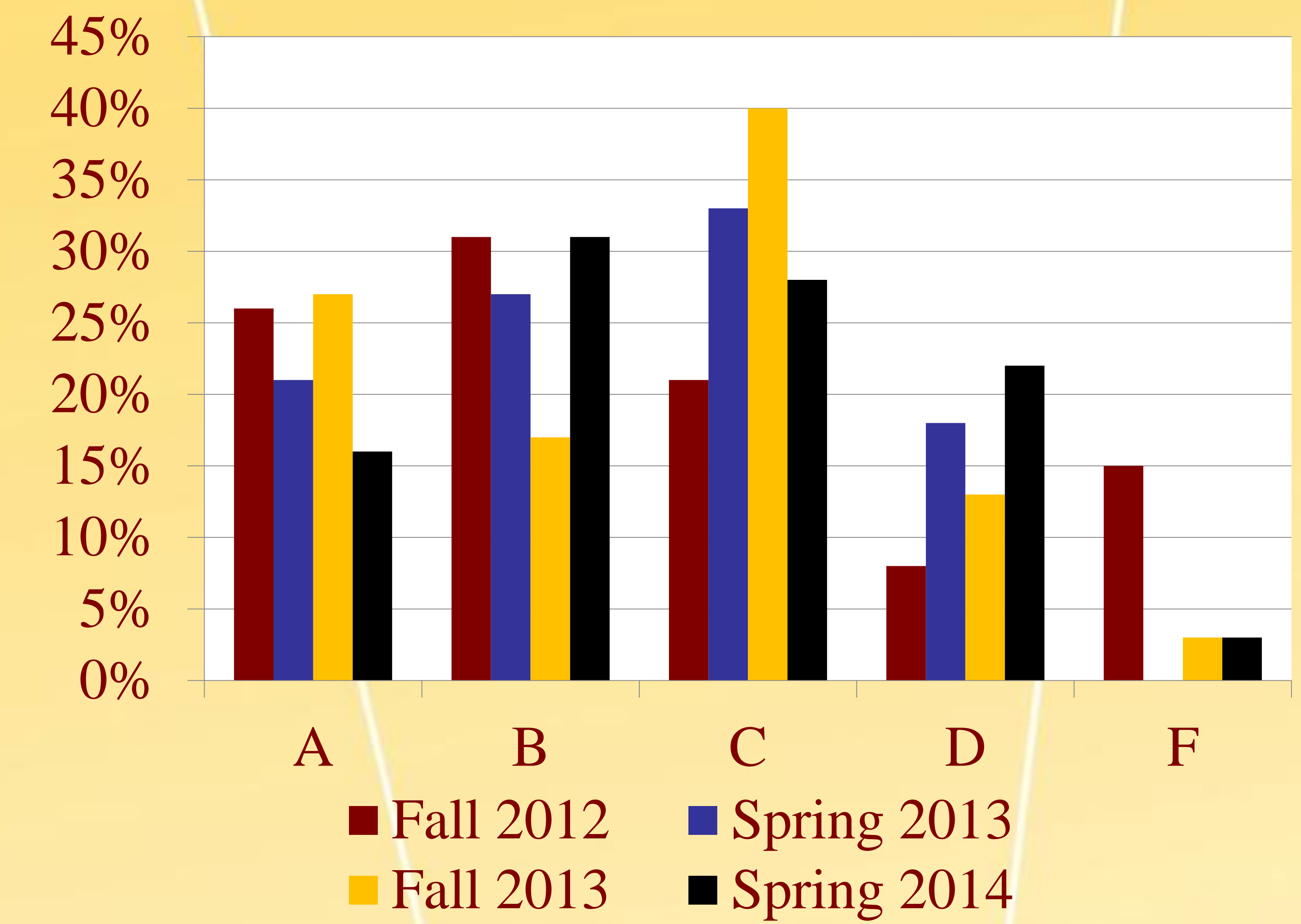
Course Enrollment

	AGEC 3540	AGEC 4740
Fall 2012	47	39
Spring 2013	44	33
Fall 2013	30	30
Spring 2014	21	32

Grade Distributions AGEC 3540



Grade Distribution AGEC 4740



Student Comments - Fall 2013

- I liked taking notes from the white board better than on PowerPoint. It helped me be a better learner
- I really liked taking notes rather than quizzes
- I think handwritten notes helped a ton
- I liked taking notes and not quizzes. I have a better comprehension of the subject matter because of the required notes
- Handwritten notes were very helpful
- I loved the fact we had to hand write our notes. It made it a lot easier to answer the questions on the exams
- Note taking helped to keep everything in order and kept the class engaged
- I LOVED that tact we had to hand write notes! It was so helpful to actually read and write our own notes



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