<table>
<thead>
<tr>
<th>ROBERTS 208</th>
<th>ROBERTS 301</th>
<th>ROBERTS 412</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mark Brown</td>
<td>Will Cassella</td>
<td>Kaitlyn Icopini; Ryan Freivalds</td>
</tr>
<tr>
<td>Matthew Wentz</td>
<td>Josh Haagenson</td>
<td>Taylor Wilkerson; Sam Shissler; Connie Weightman</td>
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<td>Alan Fraticelli</td>
<td>Kincade Pavich, Aaron Splady</td>
<td>Taylor Koth</td>
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<tr>
<td>Kelsey Studeman and James Tomasko</td>
<td>Chance Coleman Chad Johnerson</td>
<td>Brock Ellefson, Shianah Blanchard</td>
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<tr>
<td>Miriam Rognlie</td>
<td>Alex Irish, Calvin Seamons</td>
<td>Ryan Bockmon</td>
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<tr>
<td>Tyler Fleetwood, Nathan Arrington, Grace Diekman</td>
<td>Dillon Monday, Keinan Balsam</td>
<td>Brandon Strong, Elizabeth Pennell</td>
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<tr>
<td>Aaron McCarthy</td>
<td>Nicholas Mey</td>
<td>Tyler Mattioli, Jordan Sparr, Lance Inman</td>
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<td>Charlie Bratches</td>
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Notes

• Grades

  • Homework 5 has been graded
  • It is my goal to have all grades entered into D2L by FRIDAY MORNING, except the final project and the final test
  • Check your grades on FRIDAY

• Late Homework Submissions and Bonus Homework

  • If you are doing a computer museum writeup, please submit to dropbox this week
  • Bonus Homework is posted – this is optional, post which homework # it will be replacing
  • This bonus homework, in addition to the standard options, you also have the option to watch one hacktivist documentary from the list and write on that.
  • Submit these by Friday at 11:59pm.
Last Chance Computer Museum Tour

• Tomorrow (Wednesday) at 2pm
• If you want to walk over together, we will meet in the sidewalk in front of town & country (front = field house, on 11th)
• It’s worthwhile (right?)
  • I’ve gone 5 times in the last 6 months – and honestly, I still get excited (and learn something new) every time.
  • It’s very easy to schedule a tour – please consider doing it in support of the computer museum if you have a chance/family/club
Final

• “Cheat sheets” : You are allowed 2 standard sized paper (front and back) to do whatever you need to with.
• Structured very similar to midterm
• All topics covered in class are fair game, but focus will be on new material since midterm.
Recitations this week

• Final Presentations
  • Schedule of presentations is posted on the course webpage: www.cs.montana.edu/mdale
  • Rooms are subject to change, so please recheck before going
  • You are encouraged to take notes on presentations

• Your Grades this Week
  • Project Presentation grades:
    • Flood of people notified me they were not on the schedule in the past 3 days
    • Added additional “sections” to keep recitation lengths reasonable
  • Recitation Participation: vote / grade your recitation’s presentations
  • Last Homework Grade: grade this course/me
    • Survey link will be provided on the voting form
    • Submit a screenshot to Dropbox – this will be your last homework grade
Example of what I’m looking to have submitted to dropbox for homework

<table>
<thead>
<tr>
<th>540 (CSCI 540 - Advanced Database Systems)</th>
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</thead>
<tbody>
<tr>
<td>- Faculty Survey (Mumey) --COMPLETED</td>
</tr>
<tr>
<td>- Course Survey (Mumey) --COMPLETED</td>
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</tbody>
</table>
Finals Week

• Tuesday (Dec 08), 3:10pm, here
• You might be affected if you normally have classes during:
  • MWF: noon
  • T/Th: 1:10pm

• Winners: Please take 5-8 minutes to highlight your project
  • Bragging rights
  • Certificates
  • Assorted Prizes

• Everybody else: I expect you to be there, but I will not be grading
  • There will be some sort of nourishment / door prizes, it will be laid back and a recharge for your brain during finals week
  • Please bring laptop or smart phone (if possible) to vote for winner
Outsourcing and (also) the flat Earth

• Outsourcing?
• Is the world ‘flat’?
Things we’ve covered since the midterm

- Safety
- Piracy
- Citizen Spying
- Digital Divide
- Internet
- General History
- AI
- Robots
- Outsourcing
Things I think are important, regardless of where you’re headed

• Intellectual Property (specifically Copyleft) and Open Source
• Digital Divide
• Outsourcing
Review

• Charles Babbage designed two “engines”, what were they?
• What Law is associated with the observation that the number of transistors per square inch on integrated circuits had doubled every other year since the integrated circuit was invented?
• What kind of loom was inspiration for the punch cards proposed by Babbage and ultimately the inspiration for Hollerith’s census system?
Review

• On May 1, Morse sent a bible verse from US Capital to partner in Baltimore – what was that verse?
• Answer: “What hath God Wrought?”
• This man wanted to improve issues with the telegraph, including the fact that telegraphs can only transmit one message over a wire at a time
• Answer: Alexander Graham Bell
• This man was the first successful transmission of TV and has a futurama character named after him.
• Answer: Philo Farnsworth
Review

• What is the difference between “internet” and “Internet”

• What is the difference between “dark web” and “deep web”

• Who specifically is affected by the digital divide?
Review

• What was the first computer?

• Which Computer famously predicted Eisenhower would win 438 votes to 93 votes for Stevenson, despite being “experts” predicting Stevenson the winner
Review

• In a nutshell, what is the “turing test” and has anything passed it to date?

• Who’s / What’s “Deep Blue”?

• What is Asimov’s Second Law of Robotics?

• What is Tilden’s First Law of Robotics?
Review

• What is the Human Genome Project, and why is it important to CS?
Finally, Thank You

• Thank you for being patient as I learn
• I hope you learned something and/or took something away from this course
Questions / Closing Remarks?

• Go talk about your amazing project!