Introduction To CPSC 219

James Tam

Iomac Tom

Administrative (James Tam)

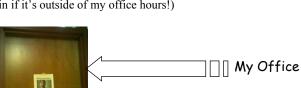
• Contact Information

- Office: ICT 707

- Email: tamj@cpsc.ucalgary.ca

• Office hours

- Office hours: Monday (11 11:50 AM), Tuesday (11 11:50 AM), Wednesday (2:00 2:50 PM). If I'm not in my office give me a few minutes or check the lecture room.
- Email: (any time)
- Appointment: email, phone or call
- Drop by for urgent requests (but no guarantee that I will be in if it's outside of my office hours!)



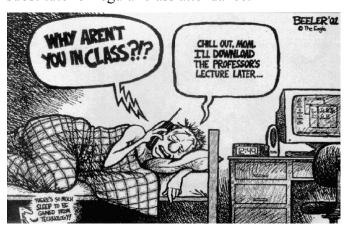
Course Resources

- Required resources:
 - Course website: http://www.cpsc.ucalgary.ca/~tamj/219 (Get the notes off the course webpage before lecture)
- Recommended but not required:
 - CPSC 219 Custom text winter 2010 by Deitel and Deitel
 - Absolute Java (4th edition) by Walter Savitch.

James Tan

How To Use The Course Resources

- •They are provided to support and supplement this class.
- •Neither the course notes nor the text book are meant as a substitute for regular class attendance.



How To Use The Course Resources (2)

```
Displays the current state of the galaxy. Each sector is bounded by a square and the row and column values are labeled.
// INH: Added char parameter to indicate if it's the attack or movement
// turn phase. Cloaked ships only appear during the attack phase.
public void display (char turn)
  int r, c;
int combatInitiative;
  System.out.println();
  System.out.println(HORIZONTAL_NUMBERS);
System.out.println(HORIZONTAL_BORDER);
  for (r = 0; r < SIZE; r++)
      System.out.print(r);
       for (c = 0; c < SIZE; c++)
         System.out.print("|");
         if (grid[r][c] != null)
              combatInitiative = grid[r][c].getCombatInitiative();
             if ((turn != 'a') && (combatInitiative == KlingonAttackCruiser.CLOACKED))
    System.out.print (" ");
                System.out.print(grid[r][c].getAppearance());
         else
             System.out.print(" ");
      System.out.println("|");
      System.out.println(HORIZONTAL_BORDER);
```

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How To Use The Course Resources (2)

Displays the current state of the galaxy. Each sector is bounded by a square we the row and column walues are labeled.

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How To Use The Course Resources (3)

- •What you are responsible for:
 - Keeping up with the content in class which includes the topics covered but also announcements or assignments whether you were present in the class or not
 - If you are absent, then you are responsible to get the information from the other students in class.
- •However, after you've caught up by talking with a classmate:
 - Ask for help if you need it
 - There are no dumb questions



Image from "The Simpsons" © Fox

James Tar

Course Goals

- •Implementing a procedural solution to a problem using a low level programming language
- •Design a program using the Object-Oriented approach
- •Solve problems using principles of good Object-Oriented design

What is he talking about???

Feedback

Wow I am the greatest speaker in the world!

Let me know how things are going in the course:

- Am I covering the material too slowly or too quickly.
- Can you read the slides and my hand writing.
- · Can you hear me in the class.
- Etc.

James Tan

How To Succeed

•Successful people



Leonardo da Vinci



Amadeus Mozart



Bruce Lee



J.R.R. Tolkien



Wayne Gretzky

How To Succeed In This Course

- 1. Practice things yourself.
 - Write lots programs
 - At the *very least* attempt every assignment
 - Try to do some additional practice work (some examples will be given in class, some practice assignments will be available on the course web page).
 - Trace lots of code
 - Reading through programs that other people have written and understanding how and why it works the way that it does

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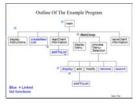
How To Succeed In This Course (2)

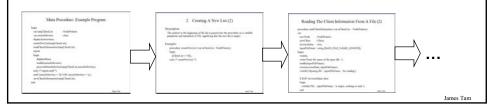
- 2. Make sure that you keep up with the material
 - Many of the concepts taught later depend upon your knowledge of earlier concepts.
 - Don't let yourself fall behind!
 - At least attempt all assignments!

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How To Succeed In This Course (3)

- 3. Look at the material before coming to lecture so you have a rough idea of what I will be talking about that day:
 - a) Read the slides
 - b)Look through the textbooks (if you bought them)





How To Succeed In This Course (4)

- 4. Start working on things as early as possible:
 - Don't cram the material just before the exam, instead you should be studying the concepts as you learn them throughout the term.
 - Don't start assignments the night (or day!) that they are due, they may take more time than you might first think so start as soon as possible.

How To Succeed In This Course: A Summary

- 1. Practice things yourself
- 2. Make sure that you keep up with the material
- 3. Look at the material before coming to lecture
- 4. Start working on things early

James Tan

Are You In Right Place?

- •CPSC 217 and CPSC 231
- •CPSC 219 and CPSC 233

