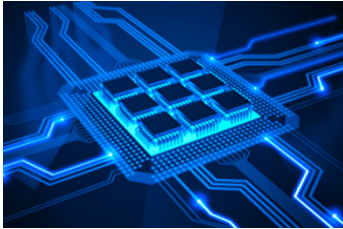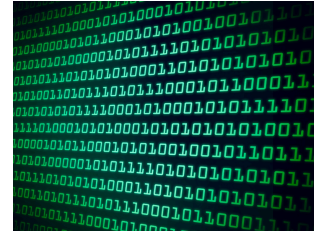**Bowdoin**

CSCI 2330
FOUNDATIONS OF COMPUTER SYSTEMS

Sean Barker
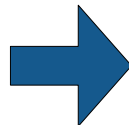
Bowdoin College

Department of Computer Science

The Big Question

How does a program run?

```
/**
 * Simple HelloButton() method.
 * @version 1.0
 * @author john doe <doe.j@example.com>
 */
HelloButton()
{
    JButton hello = new JButton( "Hello, wor
    hello.addActionListener( new HelloBtnList

    // use the JFrame type until support for t
    // new component is finished
    JFrame frame = new JFrame( "Hello Button"
    Container pane = frame.getContentPane();
    pane.add( hello );
    frame.pack();
    frame.show();              // display the fra
}
```

Abstraction

Abstractions are great...
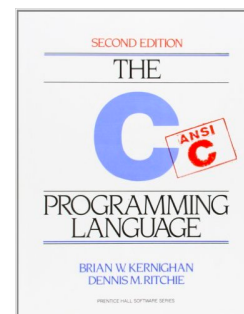

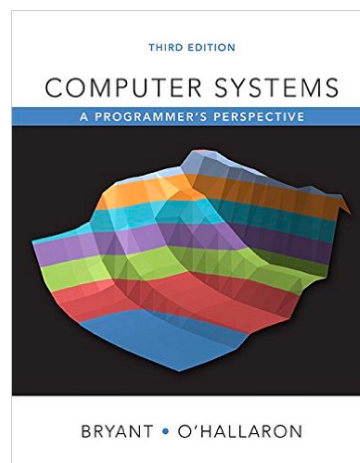But they leak!

Personnel and Resources

- Instructor: Sean Barker
- Email: sbarker@bowdoin.edu
- Office: Searles 220
  - Office hours: Tues/Thurs 1:30-3, Fri 12-2 (or by appt)

- TAs:
  - Bolor Jagdagdorj
  - James Little
  - Pauline Unietis

- Piazza Q&A forum

Course Components

- Labs (~6)

- Exams (2)

- Attendance and engagement
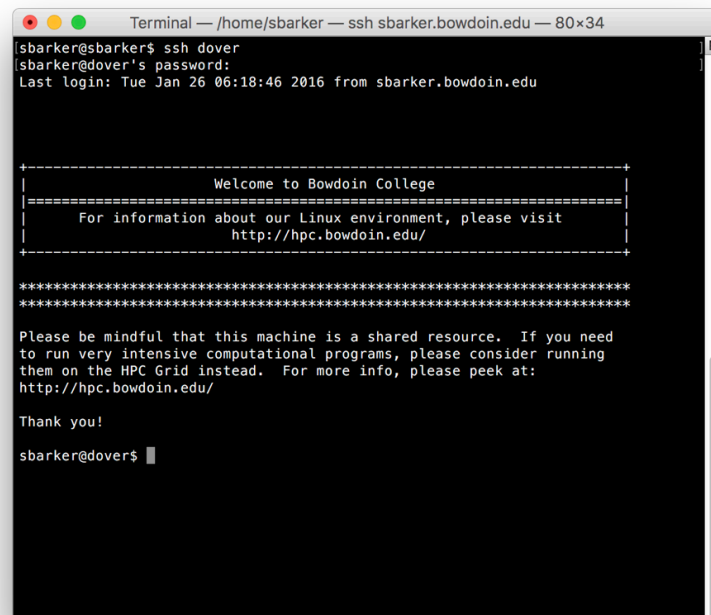
- Expectations

Other Administrivia

- Class meeting times

- Textbooks

- Collaboration policy and honor code

Go here!

- Course web page:
  http://www.bowdoin.edu/~sbarker/2330

Lab 0: Unix Warmup

```c
#include <stdio.h>

int main() {

  printf("Hello, World!\n");

  return 0;
}
```