COEN 1 Winter 2004
First Midterm

Name: _______________________________________________________________

Part 1 is to be done without external aides. For part 2, use of the internet and of a table of html tags is encouraged.

**Part 1: Computer History**

*Answer the following questions with a short paragraph.*

1. Who was M. Jacquard and what did he invent?

2. Why would the British navy spend money on a calculating machine?

3. What is an integrated circuit?
4. What is a killer app?

5. What was the problem that Tim Berners-Lee was trying to solve in 1989 at CENR, the European particle physics lab?
Part 2

Create a single HTML page with the following elements on a floppy disk.

Four paragraphs of text on early computers. There should be two levels of titles (headings) used in the text, each containing a GIF image. You can download GIF-files from http://www.gifanimations.com. Emphasize all proper names in your text.

A copy of the following table, notice that the first row covers all columns and that the second one has a dark background and a light font color.

<table>
<thead>
<tr>
<th>Who</th>
<th>When</th>
<th>Where</th>
<th>Why</th>
</tr>
</thead>
<tbody>
<tr>
<td>Atanasoff</td>
<td>1939</td>
<td>USA</td>
<td>Physics calculations</td>
</tr>
<tr>
<td>Zuse</td>
<td>WWII</td>
<td>Germany</td>
<td>Engineering calculations</td>
</tr>
<tr>
<td>Babbage</td>
<td>19th century</td>
<td>Great Britain</td>
<td>Astronomical Tables</td>
</tr>
<tr>
<td>Turing</td>
<td>WWII</td>
<td>Great Britain</td>
<td>Code Breaking</td>
</tr>
</tbody>
</table>

For an A, create a title banner like the ones that I use for the lecture notes.

Good Luck.
COEN 1
Midterm 1 Instructions

For this portion, you can use all web resources that you want.

Develop an html page with the following elements:

- A top banner containing a picture of a Santa Clara University landmark on the left, with your name on it. The banner should be in dark green.
- A paragraph set in red (using the style attribute).
- A paint bitmap at the bottom, that allows the user to either go to the website of University of San Francisco (www.usfca.edu) or to the website of Santa Clara University (www.scu.edu).