Lecture 3a - Flow Control

<table>
<tr><td colspan="2" align="center">CIS 020
Assembly Programming
Demonstration 3a</td></tr>
<tr><td>Instructor</td><td>Mark Berrett
January 28, 2020</td></tr>
<tr><td>Assignment</td><td>Flow Control

Control program flow using jump commands in MASM.</td></tr>
<tr><td>Purpose</td><td>Learn how to create code that uses conditional and unconditional jump commands.

Compare the results of an operation to control program flow.</td></tr>
<tr><td>Instructions</td><td>
1. Create a text file that will be used as an assembly language source file.

2. Create variables to be used in the program.

Declare 10 strings to be used as outputs to show flow control.

Declare an integer to be used to test conditional flow control.

3. Create blocks of code.

Display a string in each block to show flow control.

4. Add unconditional jumps.

Jump over blocks of code to show flow control.
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5. Add conditional jumps.

Code conditional jumps over blocks of code to show flow control.