Lesson 2.06: Conditional Statemenst

# Learning Objectives

* Define and identify: conditional, if/elif/then
* Write out a diagram of control flow of a program
* Describe flow of control of a program with conditionals in it

# Materials/Preparation

* Lab handout
* Read through the handout so that you are familiar with the requirements and can assist students

# Pacing Guide

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| Duration | Description |
| 5 Minutes | Welcome, attendance, bell work, announcements |
| 10 Minutes | Lecture |
| 10 Minutes | Create Flow Chart for Lab |
| 25 Minutes | Lab |
| 5 Minutes | Discussion |

# Instructor’s Notes

1. Lecture
   1. Want a way to segment program to different paths. In last class discussed Am I old enough to be president. In a program might want to make different choices based on that response.
   2. If <Boolean expression>
      1. If older than 35
         1. Print “Wohoo you are old enough to be president”
   3. Else statements
      1. What you do when the if statement is false
      2. Print “your not old enough to be president ☹ “
   4. Elif <Boolean expression>
      1. Create another if statement
         1. Elif “age > 18”
            1. Might say “but you are old enough to vote!”
2. Flow Chart
   1. Have students create a flow chart for their lab with three 3 questions deep to recommend a college to someone
      1. Big School, Small School or medium school
      2. City, Suburb, or remote
3. Lab
   1. have student start to use the if/elif/else statements to give back recommendations
4. Discuss