

If/Else If/Else (Labs 4/5 - Work in Pairs)

- Draw a flowchart for the following program, *then* code it (making changes later is fine).
- Include a thorough list of **test cases** with your flowchart that test **all branches** of it.
- HIGHLY ADVISED TO TEST LAB 4 ON PAPER/FLOWCHART BEFORE CONTINUING TO LAB 5, AND HAVE IT CHECKED IF IN THE “LIVE” SESSION AT THE TIME.
- Create a program that asks the user to enter an integer.
- If it is even:
 - Print whether or not it is divisible by both 5 and 3 (i.e. "Is div. by 5&3" or "Isn't div. by 5&3").
- If it is odd:
 - Print whether or not it is negative
- Whether it is even or odd print whether it is between -100 and 100 inclusive (-100 and 100 are in the range).
- Note: Zero is even and is not negative.
- **Your program must correspond to your flowchart (Lab 5)**
- *You will receive credit for Lab 4 with a correct flowchart, and for Lab 5 with a working program that corresponds to your flowchart.*