# Selection Lab 1

**Type in Word. Work with a partner and submit ONE COPY per pair. Include the following at the top of your submission:**

**Partner 1: Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**role (driver or navigator) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Partner 2: Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**role (driver or navigator)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Please note if one partner did not work on all problems:**

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1. *Create* a new project. *Type* in the following program. Add a comment at the top to include your name and the date.

#include <iostream>

using namespace std;

int main()

{

 int age;

 cout << "Enter an age" << endl;

 cin >> age;

 if (age > 21)

 cout << "Legal to drink" << endl;

 else

 cout << "Too young to drink" << endl;

 return 0;

}

1. *Compile* and *Run* with different values.
2. **What is wrong with the above program?**

# Is this a logic error or syntax error?

# Correct the error. Run again.

1. Add another output line to the else clause that tells the user to leave the bar. Run with values above and below 21.
2. **What symbols must you include along with the output statement?**
3. **What is this complete structure called?**
4. Add another output line to the if clause that tells the user to drink responsibly.
5. Submit final program, output, and answers to questions 1-4.