#### Due no later than 9:00pm on Tuesday 9/7.

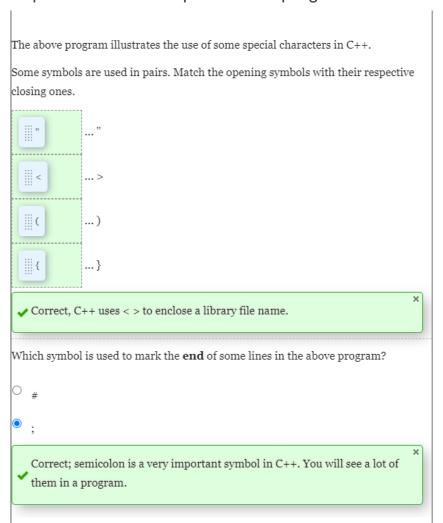
As you read the following OLI pages and complete the interactive activities, capture the screenshots of the completed activities and replace the respective screenshots in the document.

- Page 3 Output statements
- Page 4 User interactions
- Page 5 Syntax rules vs. coding conventions

When you are ready to submit the assignment, save the document in PDF format and submit the PDF file on Cougar Courses as the proof for your work.

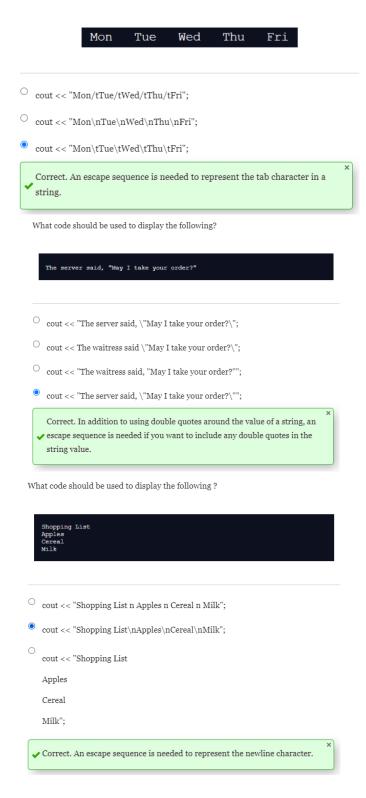
## Page 3 Output statements

Hotspot essential set up for a C++ program



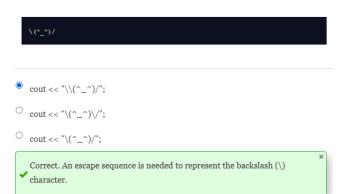
## LBD escape sequence

Which of the following output statements would separate the days of the weeks by a tab?



The backslash is commonly used as part of an escape sequence. When we want to actually display a backslash as part of our output, we have to use the escape sequence \\.

Which of the following output statements would generate this text emoticon?

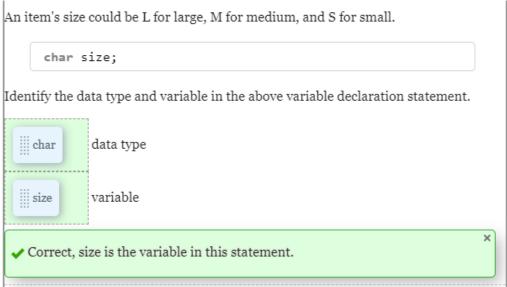


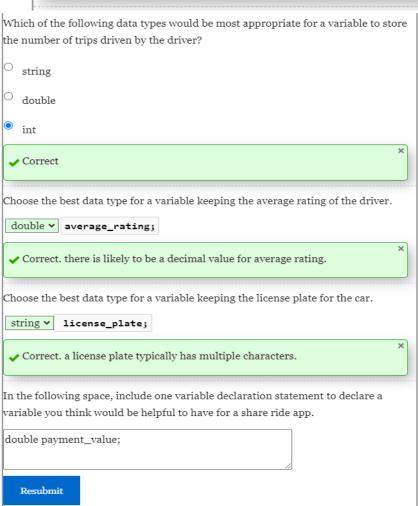
## Page 4 User interactions

### LBD the binary system

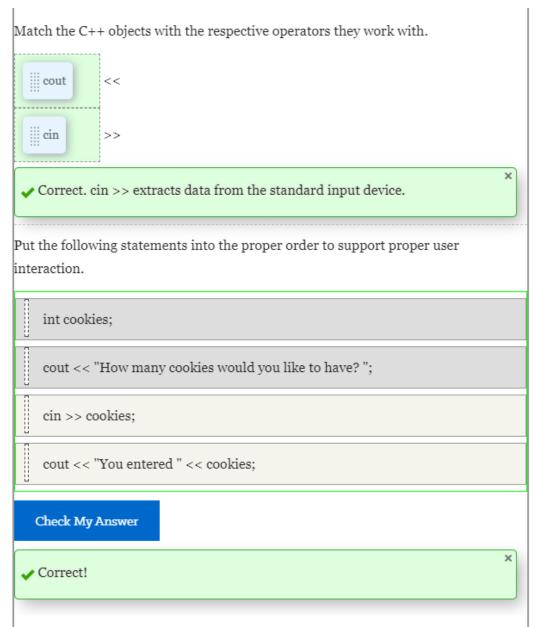
What decimal number is equivalent to the binary number 1010? One thousand and ten eight ten ✓ Correct; there is a 1 at the 8s bit and a 1 at the 2s bit. Therefore, 1010 is 8 + 2. Continue moving to the left, what is the next bit after the 8s bit? 16s ✓ Correct, the next bit represent 8 \* 2. Match the binary numbers with their equivalent decimal numbers. 10 100 1000 10000 Correct, the binary number 10000 has 1 at the 16s bit and nothing else. Each byte has 8 bits. What decimal number would be equivalent to the binary number 10000000, which has 1 followed 128 because going by the binary number system from right to left starting from one and doubling it for each space to the left it'll go 1, 2, 4, 8, 16, 32, 64 and the 8th binary spot equaling to the decimal number of 128 Resubmit OUR ANSWER The binary number 10000000 would be equivalent to 27, which is 128.

#### LBD Variable declarations

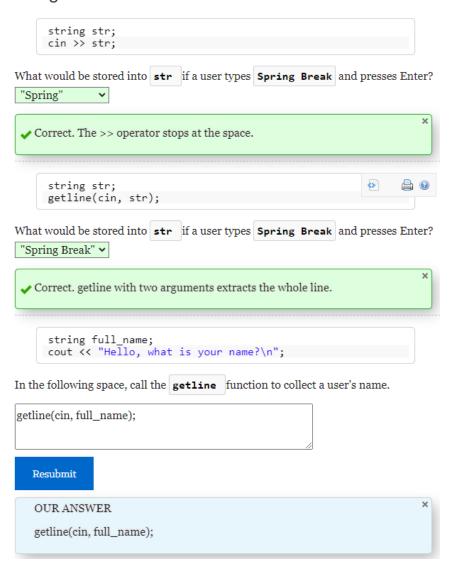




## Hotspot user interaction pattern



## LBD getline and >>



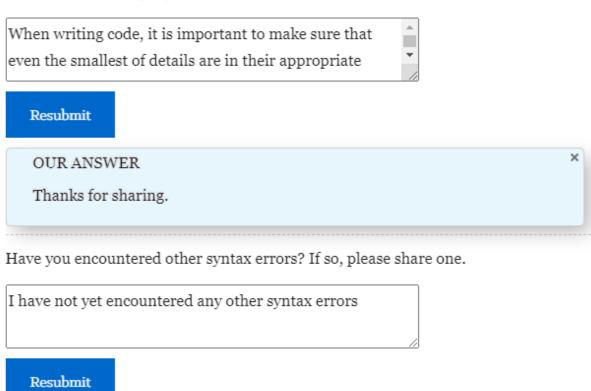
# Hotspot display decimal places

The stock market provides some indication of the economy.
DOW ▼ 23,400.33-319.04 (1.35%) NASDAQ ▲ 8,173.548+19.97 (0.24%) S&P 500 ▲ 2,760.53+10.55 (0.38%)
A snapshot of one moment in history
<pre>cout &lt;&lt; fixed &lt;&lt; showpoint &lt;&lt; setprecision(_n_);</pre>
What number should be used to replace _n_ in the above statement if we want to
show only the integer portion of the DOW value? o
cout << fixed << showpoint << setprecision(2) << nasdaq;
What would the above statement display for NASDAQ? 8173.55 🕶
✓ Correct.

## Page 5 syntax rules vs. coding conventions

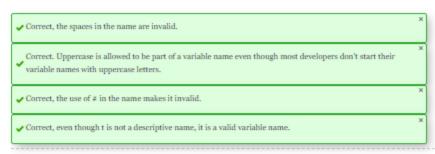
### MR Syntax errors

What questions and/or tips for others do you have regarding how to fix the syntax errors in the above program?



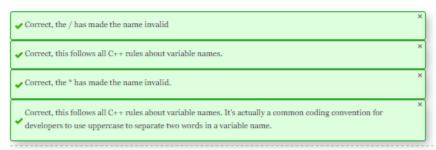
#### LBD variable names





Box B indicates the average rating for the driver. For each of the names in the following table, indicate whether it is a **valid** variable name to store 4.9.





Box C indicates how long the driver has been working for Uber. For each of the names in the following table, indicate whether it is a valid variable name to store 2.

