

### Problem 1

INPUT	PROCESS	OUTPUT
<ul style="list-style-type: none"><li>- 2 Variables so the user can input their <b>firstName</b> and <b>lastName</b> and the code can also store it</li><li>- Prints "Hello: " &gt;&gt; last name</li></ul>	<ul style="list-style-type: none"><li>- Declare 2 string variables (firstName, lastName)</li><li>- Asks the user to enter their first name using <b>cout</b></li><li>- Stores the users first name using <b>cin</b></li><li>- Asks the user to enter their last name using <b>cout</b></li><li>- Stores the users last name using <b>cin</b></li><li>- Use <b>cout</b> to print out "Hello: " and adds the "lastName" variable then uses endl; to end the line of code</li></ul>	<ul style="list-style-type: none"><li>- Hello "lastName"</li></ul>

### Problem 2

INPUT	PROCESS	OUTPUT
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<ul style="list-style-type: none"> <li>- 2 variables so the user can input their <b>first number</b> and second number and the code can also store it</li> </ul>	<ul style="list-style-type: none"> <li>- Asks the user to enter their first number (n1) using <b>cout</b></li> <li>- Stores the users first number (n1) using <b>cin</b></li> <li>- Asks the user to enter their second number (n2) using <b>cout</b></li> <li>- Stores the users second number (n2) using <b>cin</b></li> <li>- Calculates the sum using <math>n1 + n2</math></li> </ul>	<ul style="list-style-type: none"> <li>- "Your combined number is: " + sum</li> </ul>
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### Problem 3

INPUT	PROCESS	OUTPUT
<ul style="list-style-type: none"> <li>- 2 Variables so the user can input 2 real numbers and so the code can also store it</li> </ul>	<ul style="list-style-type: none"> <li>- Asks the user to enter their last name using <b>cout</b></li> <li>- Stores the users last using <b>cin</b></li> <li>- Asks the user to enter their score</li> <li>- Stores the users score using <b>cin</b></li> </ul>	<ul style="list-style-type: none"> <li>- "Your combined number is: " + sum</li> </ul>

### Problem 4

INPUT	PROCESS	OUTPUT
<ul style="list-style-type: none"> <li>- 3 Variables, one for each integer the user will put in and the code will store (n1, n2, n3)</li> </ul>	<ul style="list-style-type: none"> <li>- Asks the user to enter their first number using <b>cout</b></li> <li>- Stores the users first number using <b>cin</b></li> <li>- Asks the user to enter their second number using <b>cout</b></li> <li>- Stores the users second number using <b>cin</b></li> <li>- Asks the user to enter their third number using <b>cout</b></li> <li>- Stores the users third number using <b>cin</b></li> <li>- Calculates the sum of the variables using the equation <math>(n1 + n2) * n3</math>;</li> </ul>	<ul style="list-style-type: none"> <li>- “Your first number plus your second number, times your third number, is: “ + sum</li> </ul>

#### Problem 5

INPUT	PROCESS	OUTPUT
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<ul style="list-style-type: none"> <li>- 2 Variables so the user can input 2 real numbers and so the code can also store it</li> </ul>	<ul style="list-style-type: none"> <li>- Asks the user to enter their first number (n1) using <b>cout</b></li> <li>- Stores the users first number (n1) using <b>cin</b></li> <li>- Asks the user to enter their second number (n2) using <b>cout</b></li> <li>- Stores the users second number (n2) using <b>cin</b></li> <li>- Uses 3 equations (n1 + n2) (n1 * n2) (n1 – n2) to find the sum, product, and difference of the 2 inputted numbers</li> </ul>	<ul style="list-style-type: none"> <li>- “The sum of the 2 numbers are: “ + sum</li> <li>- “The product of the 2 numbers are: “ + product</li> <li>- “The difference of the 2 numbers are: “ + difference</li> </ul>
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