Name:Khayyam Saleem	Date:	9/23/16
Pledge:I pledge my honor that I have abided by the Steven	ns Honor System	·
For each function below, trace through it with reasonably smado? HINT: You should assume integers are 8 bits for the purpose of	_	What does each function
<pre>int mystery1(int a, int b) { int c = a - b, d = (c >> 7) & 1, mystery = a - c * d; return mystery; } Trace: mystery1(3, 7) returns7 Trace: mystery1(8, 7) returns8 Summary:returns max</pre>		
<pre>void mystery2(int values[], int i, int j) { values[i] = values[i] ^ values[j]; values[j] = values[i] ^ values[j]; values[i] = values[i] ^ values[j]; } Note: Improper C++ syntax found below. Trace: mystery2([1, 2, 3, 4], 0, 3) values = [_4_ Trace: mystery2([1, 2, 3, 4], 1, 2) values = [_1_ Summary:swaps elements in given indices_</pre>		
<pre>int mystery3(int x, int y) { int s, c; s = x ^ y; c = x & y; while (c != 0) { c = c << 1; x = s; y = c; s = x ^ y; c = x & y; } return s; }</pre> Trace: mystery3(5, 7) returns12 Trace: mystery3(2, 8) returns10		
Summary: Adds two integers		