**Programing Report 3**

**Calculating Server**

In this assignment we designed a Calculating Server. This calculating server performs bitwise Boolean and arithmetic computations requested by a client on 16-bit signed integers. We were tasked with implementing this server using TCP. First we asked the users for an op code, operand 1, and operand 2. The client takes this information and displays the tml, request ID, operand code, number of operands, operand 1, and operand 2. The client sends this information to the server. When the server receives the message we converted the message to hexadecimal before doing any calculations. After the calculations were complete the server sends the tml, request ID, error code, and result back to the client.

All programs work as intended.