ACM Quantum Task

***Truth Table:***

| num1 | num2 | num3 | Sum (Binary) | Sum (Decimal) |

|---------|---------|---------|-------------------|---------------------|

| 00 | 00 | 00 | 000 | 0 |

| 00 | 00 | 01 | 001 | 1 |

| 00 | 00 | 10 | 010 | 2 |

| 00 | 01 | 00 | 001 | 1 |

| 00 | 01 | 01 | 010 | 2 |

| 00 | 01 | 10 | 011 | 3 |

| 00 | 10 | 00 | 010 | 2 |

| 00 | 10 | 01 | 011 | 3 |

| 00 | 10 | 10 | 100 | 4 |