**COS10004: Computer Systems**

**Lab 1**

**Name: SWH00420 Tran Quoc Dung**

**Student ID: 103803891**

A picture containing diagram

Description automatically generated

Table

Description automatically generated with medium confidence

Table

Description automatically generated with low confidence Table

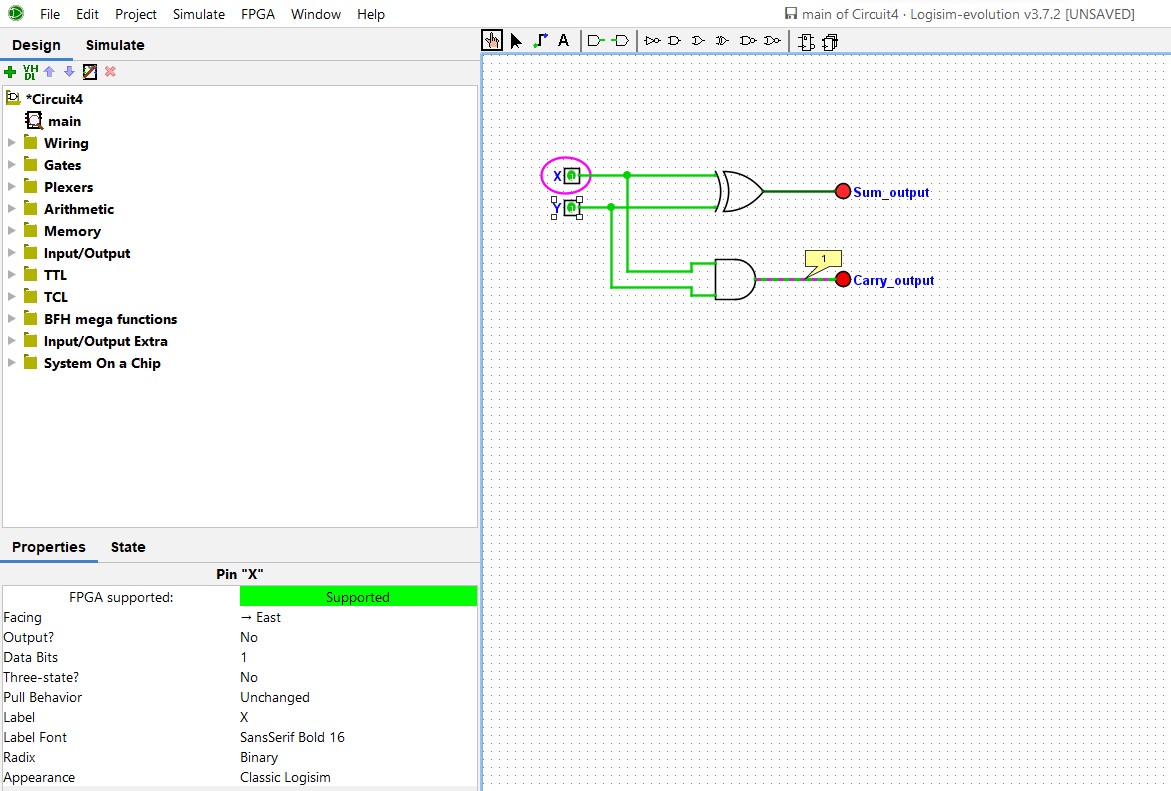
Description automatically generated

A picture containing calendar

Description automatically generated

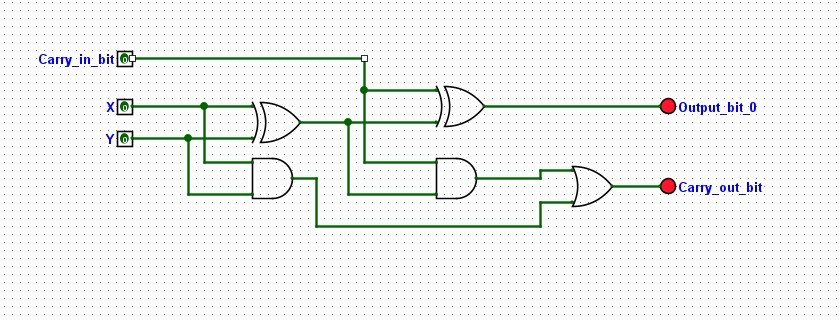
Application

Description automatically generated with medium confidence



Table

Description automatically generated



|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Input 1** | **Input 2** | **Carry In** | **Sum Output** | **Carry Output** |
| 0 | 0 | 0 | 0 | 0 |
| 0 | 1 | 0 | 1 | 0 |
| 1 | 0 | 0 | 1 | 0 |
| 1 | 1 | 0 | 0 | 1 |
| 0 | 0 | 1 | 1 | 0 |
| 0 | 1 | 1 | 0 | 1 |
| 1 | 0 | 1 | 0 | 1 |
| 1 | 1 | 1 | 1 | 1 |

**Circuit 5**