University of Colombo School of Computing

IS 1202 - Computer System

In class activity:

1. Draw a half adder using NAND gates.

2. Draw a full adder circuit using NAND gates.

3. Draw Half subtractor using NOR gates.

4. Draw block diagram of 3-8 decoder.

5. Design and draw a circuit diagram for 8x3 encoder (octal to binary encoder).

6. Draw block diagram of 1x4 Demultiplexer.