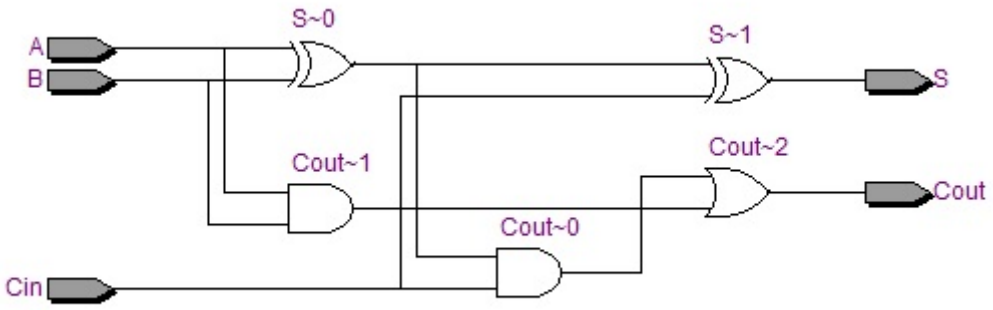
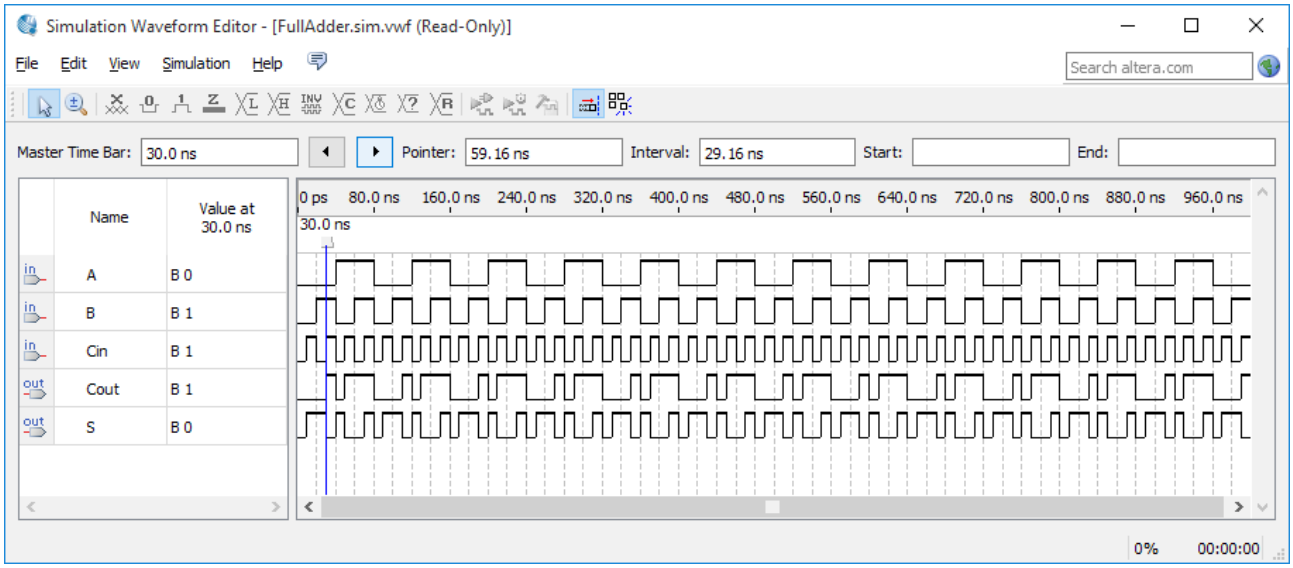
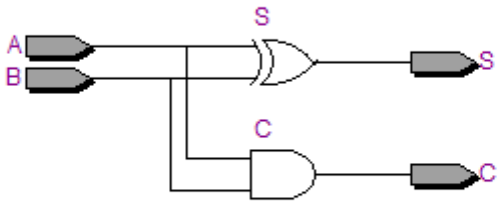
Register Transfer Logic Diagram of Full Adder:



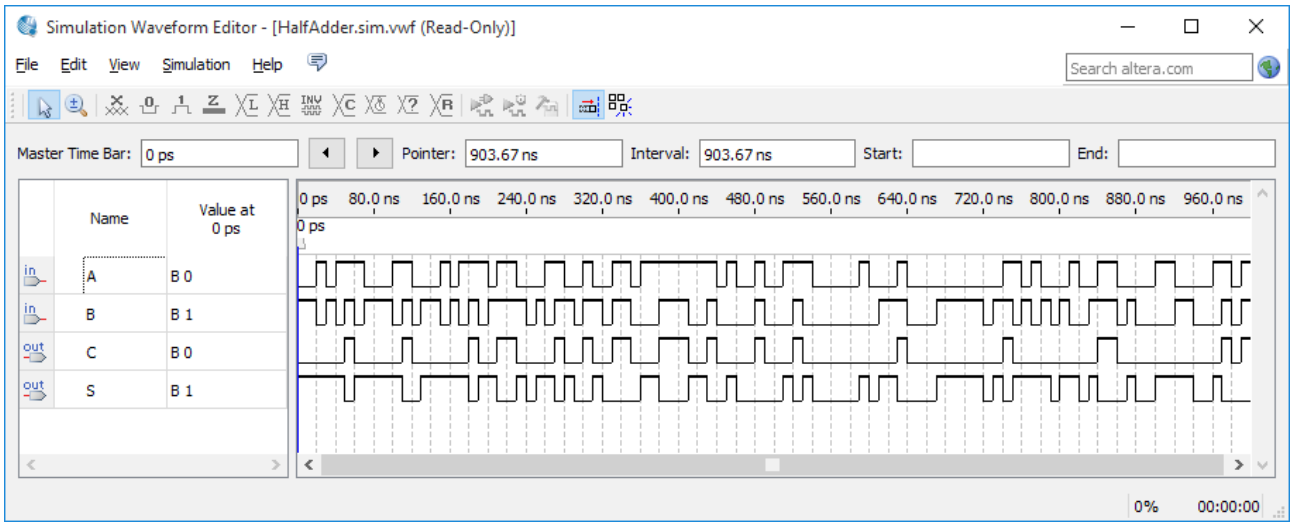
Output Waveform of Full Adder:



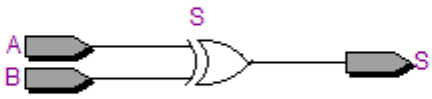
Register Transfer Logic Diagramof Half Adder:



Output Waveform of Half Adder:



Register Transfer Logic Diagram of XOR Gate:



Output Waveform of XOR Gate: