## Report

## Assignment – Lab 2 Combinational Divider

**Objective:** To design a divider that operates on unsigned numbers using a combinational circuit (made out of a network of multiple combinational comparators) and to implement the divider on the Altera DE2-115 development kits.

**Software and Tools:** ModelSim, Quartus Prime 17.0, Altera DE2-115 Kit

**Long Division**: 110001011 / 0101 = 1001111

1001111

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0101 ) 110001011

101

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1000

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101

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**Procedure:**

**Simulation Results:**