**Lab 05**

**Objectives:**

This lab will enable students to:

* + Code using Behavioral level modeling
  + Implement multiplexer and demultiplexer and decoder

**TASK 1:**

**Implementation of 8x1 multiplexer (using case)**

**TASK 2:**

**Implementation of 1x8 demultiplexer (using if/else)**

**TASK 3:**

**Implementation of 3x8 decoder**