

## **CSL302: Compiler Design**

### **Lab-9 (Intermediate Code Generation)**

**Due Date: 31-October-2025**

#### **Instructions:**

1. Prepare a zip file and upload your solutions on canvas
2. Include a readme file

#### **Three Address Code Generation**

1. Extend the Lab-8 assignment to generate three address codes for the following statements/expressions under the short circuit evaluation.
  - a. Boolean
  - b. if-then
  - c. if-then-else
  - d. While loop

You can use the same syntax as discussed in the class, if required you may modify as suitably.