

Programming Assignment #3  
Discrete Structures (CSC160)

**"A truth table is a silent but powerful teacher, revealing the ultimate truth behind logical statements." — Aristotle**

1. Write a program in your preferred programming language to generate a truth table for the following operation:
  - i. AND
  - ii. OR
  - iii. NOT

The program should accept two input variables (A and B) and display the truth values for all possible combinations of these variables. However in case of NOT operation consider a single input variable (A) and display the truth values for both A and NOT A.

**Submission:**

Deadline: **09/06/2080**

Students must submit the lab/assignment within the deadline one soft copy via course page and hard copy if needed during External VIVA examination.

Please find the lab report formate in the course page.