

Lab Assignment no 2

**Course:** Computer Architecture

**Prof:** Ms Zainab Fatima

BSCS ( R ) 5<sup>th</sup> semester

Session 2023-27

Question :

Full Adder, Explain the working of a full adder with its truth table. How are Sum and Carry calculated in a full adder?

**Instructions:**

The assignment must be completed **in detailed form**. Please write full explanations of question and **include the required diagrams**.

You may submit the assignment **either handwritten or in printed form**, but the work must be **original and not copied**.

Ensure neat and clear work before submission.

Thank you.