

Assignment 1

Note: Write Q1, Q2, and Q3 in handwritten form on A4 sheets and submit the file

AIT:

Group G1 Dead Line: 6 Feb 2026

Group G2 Dead Line: 4 Feb 2026

Ques 1:

As a DBA in a financial enterprise, compare role-based access control with user-based privilege assignment. Which scales better and why?

Ques 2:

Design a 3-tier architecture for a Wealth Management System. Explain security enforcement at each tier.

Ques 3:

Explain the ANSI–SPARC three-level architecture with a neat diagram. How does it help in achieving logical and physical data independence?

Ques 4:

<https://leetcode.com/problems/the-latest-login-in-2020/description/>

Ques 5

<https://leetcode.com/problems/article-views-i/>

