



ACADEMY OF TECHNOLOGY

Lab Assignment (Day 4)

Paper name: Data Structure and Algorithm

Code: PCC-CS391

Semester: 3<sup>rd</sup>

Discipline: CSE

Time: 1 Hour

*Date: November 24, 2020*

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1. Write a program to compute the product of two matrices (Matrices can either be square or rectangular.) and then print.
  2. Given a matrix with most of its elements as 0, convert this matrix to sparse matrix.
  3. Write a program to convert a sparse matrix to an ordinary matrix.
  4. Write a program to compute the transpose of a sparse matrix.
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