**Utilization Of Algorithms, Dynamic Programming, Optimal Memory Utilization**

In this activity you are expected to develop & submit the developed code by testing it.

User

implementing crm for result tracking of a candidate with internal marks,utilisation of algorithm, dynamic programming,optical memory utilization.

Implementing a CRM for result tracking of candidates with internal marks typically doesn't require complex algorithms like dynamic programming or optical memory utilization. However, certain algorithmic and memory utilization techniques can be beneficial for improving system performance and data management:

Search and Retrieval Algorithms:

Implement efficient search algorithms to quickly retrieve candidate records and academic results. Techniques like binary search or hash-based indexing can optimize data retrieval.

Data Compression Algorithms:

Use data compression techniques to reduce storage requirements for academic records, especially when dealing with a large volume of data. Algorithms like Gzip or Brotli can be helpful.

Data Encryption Algorithms:

Implement strong encryption algorithms to secure sensitive candidate data, ensuring that it is stored and transmitted securely. Common encryption methods include AES and RSA.