BHARATIYA VIDYA BHAVAN'S
SARDAR PATEL INSTITUTE OF TECHNOLOGY
MUNSHI NAGAR, ANDHERI (WEST), MUMBAI – 400 058.
(Autonomous College Affiliated to University of Mumbai)
MASTER OF COMPUTER APPLICATIONS

Class : F.Y.MCA Semester : II Academic Year : 2024-25

Course Name : Design and Analysis of Algorithm MC507

Subject Incharge : Prof.Nikhita Mangaonkar

UCID: 2024510001 BATCH: A NAME: Atharva Vasant Angre

EXPERIMENT NO: 03

EXPERIMENT TITLE: To implement Greedy Algorithm.

3.1 To Implement Greedy Algorithm (Job Sequence).

Objective:

1.To Implement Greedy Algorithm (Job Sequence).

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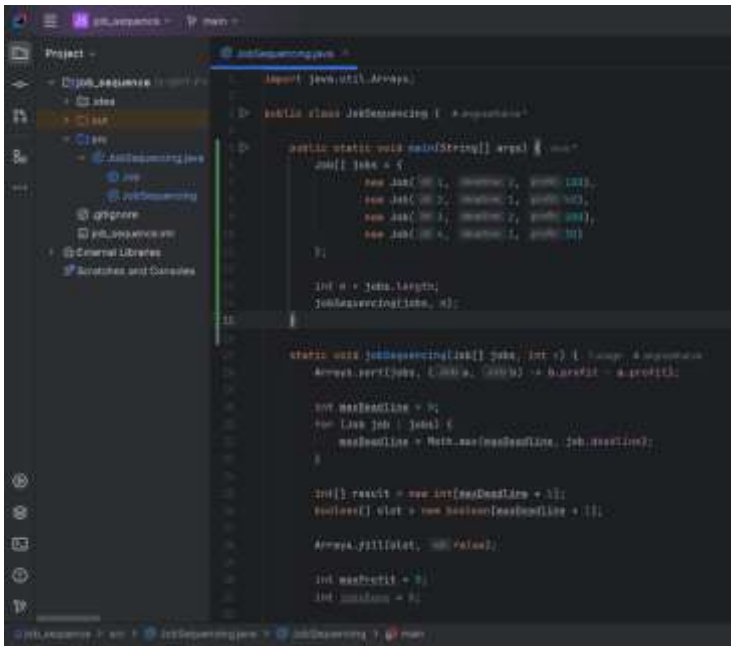
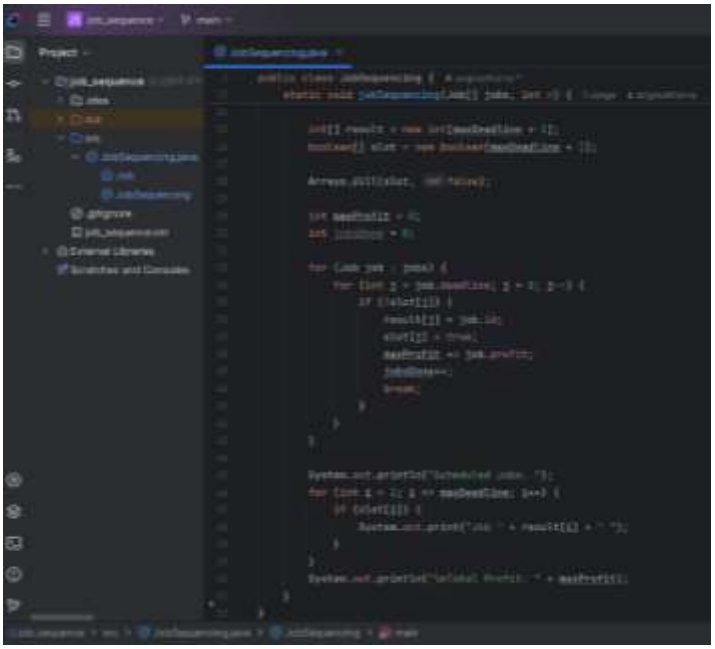
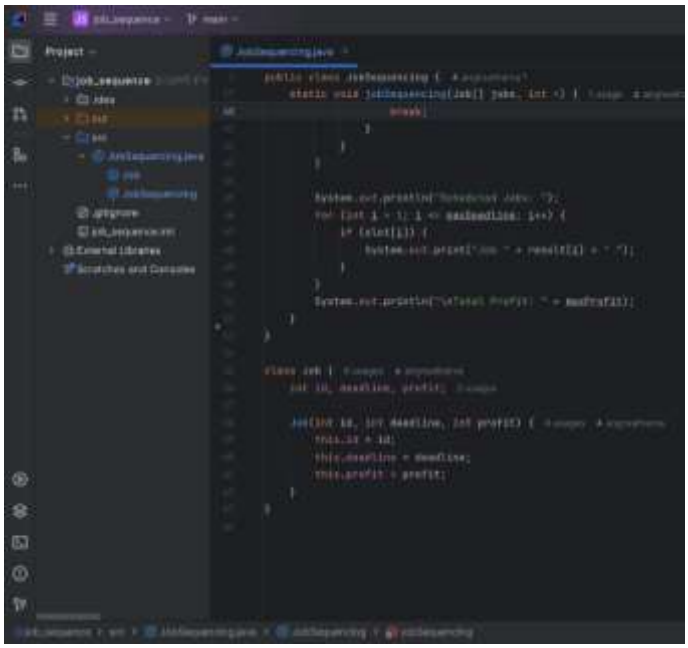
Program code: -

Job Sequence







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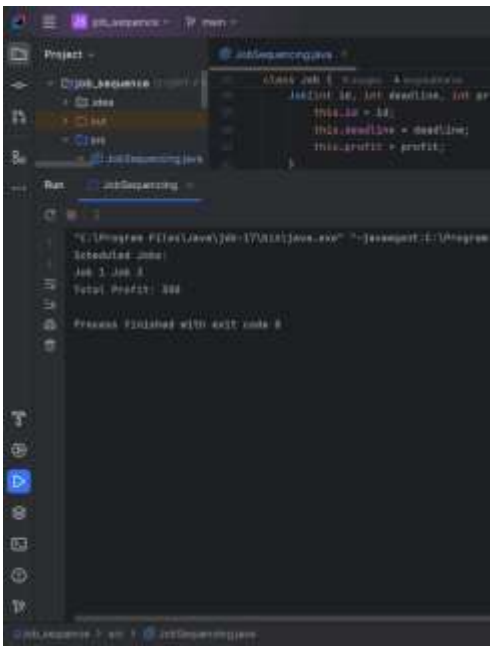
Output:



Conclusion:

The Greedy Algorithm for Job Sequencing helps in selecting jobs to maximize profit while meeting deadlines. It works by choosing the most profitable jobs first, ensuring an efficient schedule. This method is fast and useful for real-world scheduling problems. However, it may not always give the best solution in complex cases. Overall, it is a simple and effective approach for job sequencing.