

Java and DSA

Orientation Lecture



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Agenda

- ① About premium.mysing.com
- ② Syllabus Overview
- ③ Class schedule
- ④ Services

About Platform

① <https://premium.mysirg.com>

② Android mobile App - MySirG Premium

Demo Tour of website

- LIVE classes
- Recordings of LIVE classes
- Notes
- Assignments
- Certificate
 - Test for Certificate
 - Make sure your name is correct in the account
- Support

Syllabus Overview

- ① Java Basics
- ② OOP in Java
- ③ Exception Handling, Threading, File Handling
- ④ GUI programming
- ⑤ Database, JDBC
- ⑥ Project
- ⑦ DSA Introduction
- ⑧ Array, Dynamic Array
- ⑨ Linked list and its variations
- ⑩ stack and Queue
- ⑪ sorting and Searching
- ⑫ Tree and Graph
- ⑬ Heap, Hashing
- ⑭ Time complexity, Types of Algorithms

Class Schedule

Regular Classes → Mon-Wed-Fri | 7:30 PM to 8:30 PM

Doubt Handling → During Regular classes

Pre Recorded → Some sessions to boost syllabus and save time

Duration → 6 months

Services

- ① LIVE classes
- ② Recordings of live classes
- ③ Doubt classes
- ④ Doubt handling during class
- ⑤ Assignments
- ⑥ Notes
- ⑦ Certificate
- ⑧ Pre-recorded videos
- ⑨ Support
- ⑩ Discussion forum