**JFS TOPICS IN THE CLASS**

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| DAY | Morning Session | Afternoon Session |
| 23/06/25 | Cards (common attributes)  Payment methods like Debit card, credit card, UPI, and Interface for pay() in one abstract class  Inheritance concept, Payment service  Explanation of the concept done  IntelliJ software is used to execute a sample class | Exception handling  Difference between error and exception  Types of exceptions  Checked - 1 java file  Unchecked – 2 java file  User defined -swimmer files 3java |
| 24/06/25 | UncheckedExceptionDemo.java  4 types of exceptions handled  CheckedExceptionDEmo.java  3 types of exceptions handled | Legacy classes  Collection classes  Miscellaneous classes  VectorEx1.java |
| 25/06/25 | Student Management Application  Includes some methods like addStudent, viewStudent, etc | Student Management Application  Implementation using IntelliJ |
| 26/06/25 | Cards Application Implementation in IntelliJ  Like card, credit card …etc  It covers the concepts of classes, objects, references, abstract, Interface, and inheritance | Collections  List  ArrayList  ALEx2.java |
| 27/06/25 | streamIntermediatefunctions.java  (extra 5 files given for advanced streams)  it having 8 methods like filter(),sorted,map()….etc  Collections -🡪 set, hashset, linkedhashset, treeset  And same way map type also  SetEx3.java  SETEx4.java  MapEx5.java | IOStreams  FIS, FOS, BIS, BOS, FR, FW, BR, BW,  Serialization  FISFOS.JAVA |
| 28/06/25 | Servlets Overview  JDK, Eclipse, Tomcat Installations | MYSQL installation  SQL Commands Overview |
| SUNDAY | | |
| 30/06/25 | Simple Servlet Execution  (using a dynamic web project) | Class Cancelled |
| 01/07/25 | Registration form using HTML and it is processed with JDBC  RegistrationForm Project | Implementation of this simple web application using servlet life cycle |
| 02/07/25 | Practice Session | Practice Session |
| 03/07/25 | Session Management Overview  Mfrs\_3 project in eclipse | Hibernate Overview |
| 04/07/25 | Hibernate Overview  Hib\_1 project implementation | Hib\_1 project Completed  (Automatically tables created and data inserted if you execute client app once) |
| 05/07/25 | Practice Session | Practice Session |