JDBC JOR 221 > Frehold in Java JSR & Java Specification Regnest LS Basically part of Java JDBC Supports -> Two Tier Struture -> User corrected by netwo - 1. Three Tier Structure Is a lient Server Configuration - G Client Machine (GUI) Uses machine as client. Server machine (Business Logic/middle Tier) Database Server. Data source Commande & Sends result back to middle tier, which then sends then to user. Architecture of JDBC - JDBC APT -> Provides application to JDBC Marager JDBC Driver APJ -> Supports JDBC Marager to La Uses Driver Margan & Driver Connection - JDBC Driver Marager Exercise that Correct deliver is used to access Each data some S Provided by Vallane JDBC Vendre Driver Marager Lo Basic Service for managing a set of JDBs dames S get Connection Granthod I No need to lood SDBC Drivers Explicitly Is App using Class. For Name () will work without (s get Cornector () -> locate Suitable Driver Types & JDBC Drivers ) JDBC-ODBC bridge Native API dairer Network - Protocol Deve (Middle wave devey)

18pe 4: - DSOBE Molley ) - platform andegeral > No Irlumedide Java Application - Recommance will be fest Int Con = Driver Manager, get & Connection (dbCol, Berrane, Passions) S. O. P. ("Connection Established"). JDBc methode throws SQLExcepton SQL Exception extended from Exception get Mesige () get Localized Mexage () iterator() Statement Interface: -> Result-Set execute Query (string SQL) -> SELECT -) interecule Update (string SQL) -> Insect, Update & Delote -> boolean Execute (String SQL) Is only in unusal way. Result Set Eppes: 1. Type - Forward-Only 2. type - Sesoll - Insensitive 3. Type-Scroll- Sensitive ResultSet Concusioney Types: Concur Read - Only Undatable

Prepared Statement: 15 Improves Terbonnance of Application Callable Statements: Type of Parameters. · 1) Input (Default) ii) Output 11'i Input Output. CLOB (Character Large Objet) & Collection of character data Slored as Single Entity in database BLOB (Binary Large Object) JDBC Connection Pool 5-factory -> Consists of readily available JDBC Connection Objects Types of JDBC Connection baly 5 JDBC Driver Managed/ Standalore JDBC Connection > WebServer / Application Seven Magred JDBC Connection.