Example to store file in Oracle database:

The setCharacterStream() method of PreparedStatement is used to set character information into the parameterIndex.

Syntax:

|  |
| --- |
| 1) public void setBinaryStream(int paramIndex,InputStream stream)throws SQLException |
| 2) public void setBinaryStream(int paramIndex,InputStream stream,long length)throws SQLException |

For storing file into the database, CLOB (Character Large Object) datatype is used in the table. For example:

1. CREATE TABLE  "FILETABLE"
2. (    "ID" NUMBER,
3. "NAME" CLOB
4. )
5. /

Java Example to store file in database

1. **import** java.io.\*;
2. **import** java.sql.\*;
4. **public** **class** StoreFile {
5. **public** **static** **void** main(String[] args) {
6. **try**{
7. Class.forName("oracle.jdbc.driver.OracleDriver");
8. Connection con=DriverManager.getConnection(
9. "jdbc:oracle:thin:@localhost:1521:xe","system","oracle");
11. PreparedStatement ps=con.prepareStatement(
12. "insert into filetable values(?,?)");
14. File f=**new** File("d:\\myfile.txt");
15. FileReader fr=**new** FileReader(f);
17. ps.setInt(1,101);
18. ps.setCharacterStream(2,fr,(**int**)f.length());
19. **int** i=ps.executeUpdate();
20. System.out.println(i+" records affected");
22. con.close();
24. }**catch** (Exception e) {e.printStackTrace();}
25. }
26. }