## Experiment No. \_\_10\_\_

**Date of performance:** 11/11/22

**Date of Submission:** 11/11/22

SAP Id: 500091584

Roll No.: R2142210822

Name of the Student: Ujjwal Kumar Gupta

1. Title: JDBC

2. Objective: JDBC

## 3. List of lab activities:

- 1) Create a database table to store the records of employee in a company. Use getConnection function to connect the database. The statement object uses executeUpdate function to create a table.
- 2) Create a database of employee of company in mysql and then use java program to access the database for inserting information of employees in database. The SQL statement can be used toview the details of the data of employees in the database.
- 4. Algorithm/Flowchart and Code followed by Output screenshot (2samples for each program):

```
| package library_management connection; | connection | connection; | co
```

```
Run Terminal Help issue, jav jabc - Visual Studio Code

J connection, java J addbook java J issue, java X J returning java J endresult java
glighj > stc > library, management > issue > J issue, java > % issue > % book, id

package library, management - issue;
import ilbrary, management - connection.connection;
import ilbrary management - connection.connection;
import ilbrary management - connection.connection;
public class issue extends connection {

String deery = "update book set book_available = (book_available=1) where book_id=? ";

String query = "insert into issued (book_id, book_name) select book_id, book_name from book where book_id=? ";

try {

Connection connection = connect();
PreparedStatement ptm = connection.prepareStatement(query);
PreparedStatement ptm = connection.prepareStatement(query);
BufferedReader br = new BufferedReader(new inputStreamReader(System.in));
System.out.println(XZ * meter the book id : ");
book_id = br.readLine();
ptm.setString(parameterIndexi 1, book_id);
ptm.eccucleUpdate();
system.out.println(XZ *BOOK ISSUED SUCCESSFULLY!\n Have a Nice Day Ahead ");

connection.close();
ptm.close();
ptm.close();
ptm.close();
ptm.close();
system.out.println(e);
}

J and the parameter indexi 1 is pook_id is issue in the parameter indexi 2 is ptm.close();
ptm.close();
ptm.close();
system.out.println(e);
}
```

```
system.out.println(x: "enter the book id :");
string book_id = br.readline();
ptm.setString(parameterIndex:1, book_id);
ptm.executeUpdate();
               System.out.println(x: "Book Returned Successfully\n Have a Great Day Aheadl");
connection.close();
ptm.close();
              ) catch (Exception e) {
    System.out.println(e);
```

5. Brief notes about all the concepts related to the lab experiment