Term work

of

**Java Programming Lab (PCS-408)**

Submitted in partial fulfillment of the requirement for the III semester

**Bachelor of Technology**

By

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**Under the Guidance of**

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**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**GRAPHIC ERA HILL UNIVERSITY, BHIMTAL CAMPUS**

**SATTAL ROAD, P.O. BHOWALI**

**DISTRICT- NAINITAL-263132**

**2021-2022**

**CERTIFICATE**

The term work of **Java Programming Lab (PCS-408),** being submitted by **Mohan Sharma** d/o /s/o **Pankaj Sharma** , Roll no **123456** to Graphic Era Hill University Bhimtal Campus for the award of bona fide work carried out by him/her. He/She has worked under my guidance and supervision and fulfilled the requirement for the submission of this work report.

**(…………………) (……………………)**

**Ravindra Koranga HOD, CSE Dept.**

**ACKNOWLEDGEMENT**

I take immense pleasure in thanking **Mr. Ravindra Koranga** (**Assistant Professor,** CS, GEHU Bhimtal Campus) for allowing us to carry out this project work under his excellent and optimistic supervision. This has all been possible due to his novel inspiration, able guidance and useful suggestions that have helped me in developing my subject concepts as a student.

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**(Mohan Sharma)**

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**STUDENT’S DECLARATION**

I, **Mohan Sharma** hereby declare the work, which is being presented in the report, entitled **Term work of Java Programming Lab (PCS-408)**  in partial fulfillment of the requirement for the award of the degree **Bachelor of Technology (Computer Science)**  in the session **2021-2022** for **semester IV**, is an authentic record of my own work carried out under the supervision of **Mr. Ravindra Koranga** (Assistant professor, Graphic Era Hill University, Bhimtal)

The matter embodied in this project has not been submitted by me for the award of any other degree.

Date: ………… ……………….

(Full signature of student)



**Computer Science and Engineering Department**

**Java Programming LAB (PCS-408)**

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1. **WAP to show the use of Command Line Arguments**

class demo{

public static void main(String ar[]){

System.out.println("The first command line argument is "+ ar[0]);

System.out.println("The second command line argument is "+ ar[1]);

}

}

**Output**

Hello

World

**23. WAP to show the Database connectivity using jdbc driver in java. Connect to a Database and print the table in the database.**

import java.sql.\*;

class JdbcSelectTest {

public static void main(String[] args) {

try (

Connection conn = DriverManager.getConnection( "jdbc:mysql://localhost:3306/ebookshop",

"myuser", "xxxx"); // For MySQL only

Statement stmt = conn.createStatement();

) {

String strSelect = "select title, price, qty from books";

System.out.println("The SQL statement is: " + strSelect + "\n"); // Echo For debugging

ResultSet rset = stmt.executeQuery(strSelect);

System.out.println("The records selected are:");

int rowCount = 0;

while(rset.next()) { // Repeatedly process each row

String title = rset.getString("title"); // retrieve a 'String'-cell in the row

double price = rset.getDouble("price"); // retrieve a 'double'-cell in the row

int qty = rset.getInt("qty"); // retrieve a 'int'-cell in the row

System.out.println(title + ", " + price + ", " + qty);

++rowCount;

}

System.out.println("Total number of records = " + rowCount);

} catch(SQLException ex) {

ex.printStackTrace();

}

}

}

**Output**

The records Selected are:

The complete reference java 658.0 1

The complete reference c++ 578.00 2

The complete reference python 577.00 1

Total number of records : 3

**“FOLLOW SIMILAR PATTERN FOR THE REST OF QUESTIONS”**