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|  | Finolex Academy of Management and Technology, Ratnagiri | | | |
| **Department of Information Technology** | | | |
| **Subject:** | **SQL LAB L303** | | | |
| **Class:** | **SE IT / Semester – III (CBGS) / Academic year: 2017-18** | | | |
| **Name of Student:** |  | | | |
| **Roll No:** |  | | **Date of performance (DOP) :** |  |
| **Assignment/Experiment No:** | | **07** | **Date of checking (DOC) :** |  |
| **Title: Implementation of Views, Triggers and Cursors** | | | | |
| **Marks:** | |  | **Teacher’s Signature:** |  |

**1. Aim**: **Implement Views, Triggers and Cursors**

**2. Prerequisites**:

1. Knowledge of Relational model.
2. Knowledge of DDL DML Queries
3. Knowledge of Stored Procedure.

**3. Hardware Requirements**:

1. PC with minimum 2GB RAM

**4. Software Requirements:**

1. Ubuntu / Windows installed
2. MySQL

**5. Learning Objectives:**

1. To give a good formal foundation on the relational model of data.
2. Learn to handle result inside Stored Procedure.
3. To generate Events automatically in Stored Procedure.
4. Creating virtual tables in database.

**6.Course Objectives Applicable:** CO 4

**7. Program Outcomes Applicable: PO12**

**8. Program Education Objectives Applicable: PEO2,PEO3**

**9. Theory: <Preferably given as handwritten work for students>**

**10. Results:**

<Source code and screenshots of the output to be added here.>

**11. Learning Outcomes Achieved <Handwritten>**

**12. Conclusion: <Handwritten>**

1. **Applications of the studied technique in industry –**
2. **Engineering Relevance –**
3. **Skills Developed –**

**13. Experiment/Assignment Evaluation**

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| **SR** | **Parameters** | **Weight** | **Excellent** | **Good** | **Average** | **Poor** | **Not as per requirement** |
| **Scale Factor ->** | 5 | 4 | 3 | 2 | 0 |
| 1 | Technical Understanding | 25 |  |  |  |  |  |
| 2 | Performance / Execution | 25 |  |  |  |  |  |
| 3 | Question Answers | 20 |  |  |  |  |  |
| 4 | Punctuality | 20 |  |  |  |  |  |
| 5 | Presentation | 10 |  |  |  |  |  |
|  | Total out of 100 -->  #(to be converted as per term-work evaluation applicable to the subject) | | **∑ (Weight \* Scale Factor)/5 = \_\_\_\_\_\_\_\_** | | | | |

**References**:

[1] Elmasri and Navathe, “ Fundamentals of Database Systems”, 6th Edition, PEARSON Education

[2] G. K. Gupta :”Database Management Systems”, McGraw – Hill

[3] Korth, Slberchatz,Sudarshan, :”Database System Concepts”, 6th Edition, McGraw – Hill

[4] SQL The Complete Reference, 3rd Edition , James R Groff, Paul N. Weinberg, Andy Oppel, McGraw Hill.

**Viva Questions**

1. What is subquery?
2. What is Referential Integrity Constraint?
3. What is Unique Constraint?