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| **Practical No 08: Part A** |
| **Aim:**SQL commands:  To perform operations on views (insert ,update ,delete) |
| **Prerequisite:** SQL |
| **Outcome:** Understanding and use of operations on views |
| **Theory:**  Creating view  Create view <view\_name> as select <column1>,<column2>,....<columnN> from  <table\_name> ;  Selecting a data set from a view  select <column1>,<column2>,....<columnN> from <view\_name> ; Destroying a view  Drop view <view\_name>; |
| **Procedure:**   1. Formulate the query for given problem. 2. Write the SQL query with proper input. 3. Execute the query. |
| **Practice Exercise:**  **View:-**   1. The organization wants to display only the details of the employees those who are managers [Manager\_Record]. 2. The organization wants to display only the details like empno, empname, deptno, deptname of the employees [Employee\_Detail]. 3. The organization wants to display only the details like empno,empname,deptno,deptname of the all the employees except the managers and [NoManager]. 4. Display all the views generated [user\_view]. 5. Execute the any one DML command on the view created. 6. Find the departments of all mangers from Manager\_detail. |

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| 1. Find Eno, and their corresponding dname from No\_Manager. 2. Create view from another view. 3. Drop a view. | | | |
| **Instructions:**  Write and execute the query in Oracle SQL server.  Paste the snapshot of the output in input & output section. | | | |
| **Part B** | | | |
|  | Date of Performance:- 8/9/2020 | Date of Submission:- /  /2017 |  |
|  | Student SAP Id:-70411118042 | |
|  | Student Roll No:-I243 | |
|  | Student Name:-Shantanuu Wahile | |
|  | Grade: | |
| **Code:**    Ans1. mysql> create view mgr as select \* from emp1 where job='manager';  Query OK, 0 rows affected (0.02 sec)  Ans2. mysql> create view edet as select emp\_no,ename,d\_np,dname from emp1, dept;  Query OK, 0 rows affected (0.01 sec)  Ans3. mysql> create view edet1 as select emp\_no,ename,d\_np,dname from emp1 a, dept where a.job!='manager';  Query OK, 0 rows affected (0.01 sec)  Ans4. mysql> select \* from mgr;    mysql> select \* from edet1;      mysql> select \* from edet1;    Ans5.drop mgr;  Ans7. mysql> select emp\_no,dname from emp1,dept where job='manager';    Ans8. mysql> create view edet2 as select ename,dname from edet1;    Ans10. mysql> drop view mgr;  Query OK, 0 rows affected (0.02 sec) | | | |
| **Input & Output:**    Ans1. mysql> create view mgr as select \* from emp1 where job='manager';  Query OK, 0 rows affected (0.02 sec)  Ans2. mysql> create view edet as select emp\_no,ename,d\_np,dname from emp1, dept;  Query OK, 0 rows affected (0.01 sec)  Ans3. mysql> create view edet1 as select emp\_no,ename,d\_np,dname from emp1 a, dept where a.job!='manager';  Query OK, 0 rows affected (0.01 sec)  Ans4. mysql> select \* from mgr;    mysql> select \* from edet1;      mysql> select \* from edet1;    Ans5.drop mgr;  Ans7. mysql> select emp\_no,dname from emp1,dept where job='manager';    Ans8. mysql> create view edet2 as select ename,dname from edet1;    Ans10. mysql> drop view mgr;  Query OK, 0 rows affected (0.02 sec) | | | |
| **Observation & Learning:**  Understanding and use of operations on views | | | |
| **Conclusion:**  Understanding and use of operations on views | | | |
| **Questions:**   * What is view?   Views in SQL are kind of virtual tables. A view also has rows and columns as they are in a real table in the database. We can create a view by selecting fields from one or more tables present in the database. A View can either have all the rows of a table or specific rows based on certain condition.   * If update operations performed on view how it will reflect in original realtion. | | | |