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| A picture containing drawing, stop, room  Description automatically generated | Database Management Systems  Practical #6 | | |
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| **Name** | Sahil Shah | **Roll Number** | 21302C0022 |
| **Subject/Course:** | Database Management Systems / BSc IT | | |
| **Practical 7** | View, Operation on Views and Its Types, SET Operators | | |
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| **Case Study Employee Table**    **Project Table**    **Write Queries with Output as Screen shots for the following Questions Based on above Table.**   1. **Write a query to create a view for those whose age is greater than 30.** 2. **Write a query to create a view for all Employee with columns emp\_name,salary,age.​** 3. **Write a query to create a view for Project with emp\_id is 3.** 4. **Write a query to create a view for Project with department is ‘Development’.** 5. **Write a query to create a view for Employee with salary not equal to 200000.** 6. **Write a query to create a view whose fourth letter of names is ‘s’ in Employee.** 7. **Write a query to create a read only view to display the emp\_name and city of Employee. ​** 8. **Write a query to create a horizontal view on employee.** 9. **Write a query to create a vertical view on employee.** 10. **Write a query to create a Joined view on employee.** 11. **Write a query to create a Group view on employee.** 12. **Write a query to create a Row and Colum Subset view on employee.** | | | |
| **create table employee(**  **empid int,**  **emp\_name char (20),**  **city char(20),**  **salary int,**  **age int);**    **insert into employee values(1,'Angelina','Chicago',200000,30);**  **insert into employee values(2,'Robert','Austin',300000,26);**  **insert into employee values(3,'Christian','Denver',100000,42);**  **insert into employee values(4,'Kristen','Washington',500000,29);**  **insert into employee values(5,'Russell','Los Angels',200000,36);**  **insert into employee values(6,'Marry','Canada',600000,48);**    **select\*from employee**    **create table project(**  **project\_no int,**  **emp\_id int,**  **department char(20));**  **insert into project values(101,1,'Testing');**  **insert into project values(102,2,'Development');**  **insert into project values(103,3,'Designing');**  **insert into project values(104,4,'Development');**  **select\*from project**    **create view emp\_view as select\* from employee where age>30**  **create view emp\_view1 as select emp\_name,salary,age from employee**  **create view project\_view as select\*from project where emp\_id=3**  **create view project\_view1 as select\*from project where department='Development'**  **create view emp\_view2 as select\*from employee where salary!=200000**  **create view emp\_view3 as select\*from employee where emp\_name like '\_\_\_s%'**  **create view emp\_view4 as (select emp\_name ,city from employee) with read only**  **create view emp\_view5 as select\*from employee where salary=200000**  **create view emp\_view6 as select emp\_name,salary from employee**  **create view joinview as select\*from employee,project where employee.empid=project.emp\_id**  **create view groupview as (select department from project group by department)**  **create view subsetview as (select emp\_name,salary from employee where salary>300000)**    **select\*from emp\_view**  **select\*from emp\_view1**  **select\*from project\_view**  **select\*from project\_view1**  **select\*from emp\_view2**  **select\*from emp\_view3**  **select\*from emp\_view4**  **select\*from emp\_view5**  **select\*from emp\_view6**  **select\*from joinview**  **select\*from groupview**  **select\*from subsetview**    **drop view emp\_view3**  **drop table employee**  1.  2.  3.  4.  **5.**  6.  7.  8.  9.  10.  11.  12. | | | |
| **Q. 2 Create following two tables called Employee and Department.**   |  |  |  |  | | --- | --- | --- | --- | | **Eid** | **ename** | **esal** | **Did** | | **1** | **A** | **20000** | **10** | | **2** | **B** | **30000** | **20** | | **3** | **C** | **40000** | **20** | | **4** | **D** | **50000** | **30** |  |  |  | | --- | --- | | **Did** | **Dname** | | **10** | **P** | | **20** | **Q** | | **30** | **R** | | **40** | **S** |   **Perform the SET operations on the above given table.**  **create table employee4(**  **eid int,**  **ename char(20),**  **esal int,**  **did int);**    **insert into employee4 values(1,'A',20000,10)**  **insert into employee4 values(2,'B',30000,20)**  **insert into employee4 values(3,'C',40000,20)**  **insert into employee4 values(4,'D',50000,30)**  **select\*from employee4**    **create table department(**  **did int,**  **dname char(20));**    **insert into department values(10,'P')**  **insert into department values(20,'Q')**  **insert into department values(30,'R')**  **insert into department values(40,'S')**    **select\*from department**    **1.union**    **2.union All**    **3.intersect**    **4.minus** | | | |
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