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| **Leading University, Sylhet**  Department of Computer Science & Engineering |
| **Assignment**  Course Code: CSE-2320  Course Title: Database Management System Sessional |
| **Submitted To**  Shafkat Kibria  Assistant Professor & Head (Acting)  Department of CSE  Leading University, Sylhet. |
| **Submitted By:**  Name: Takrim Elahi Chowdhury  ID No: 2012020205  Section: 53(E), 53rd Batch  Department of CSE  **Date of Submission: 28.12.2021**  **1**  **Solution:**  **Code:**  **select**  select  employee\_id as "Employee No" ,  first\_name||' '||last\_name as "Employee Name",  Salary,  hire\_date as "Hired Date",  Department\_name as "Name of The Department"  from hr.employees join hr.departments  on(hr.employees.department\_id = Departments.department\_id)  where department\_name like '%Marketing';  **1.PNG**  **2**  Solution:  Code:  select  department\_name as "Department Name",  Avg(salary) as "Avarage Salary"  from hr.employees join hr.departments  on(hr.employees.department\_id =departments.department\_id)  where Department\_Name = 'Marketing'  GROUP BY department\_name;  **2.PNG**  **3**  **Solution:**  **Code:**  **select**  employee\_id as "Employee No" ,  first\_name ||' '||last\_name as "Employee Name",  Salary,  hire\_date as "Hired Date",  Department\_name as "Name of The Department"  from hr.employees join hr.departments  on(hr.employees.department\_id = departments.department\_id)  where salary > '1700'  order by employee\_id;  3.PNG  4  Solution:  Code:  select  department\_name as "Department Name" ,  sum(salary) as "Summarize Salary"  from hr.employees join hr.departments  on(hr.employees.department\_id = Departments.department\_id)  where salary>1500  group by department\_name  order by department\_name;  4.PNG  5  Solution:  Code:  select  department\_name as "Department Name" ,  min(salary) as "Min Salary"  from hr.employees join hr.departments  on(hr.employees.department\_id = departments.department\_id)  group by department\_name  order by department\_name asc;  **5.PNG**  **6**  Code:  select  employee\_id as "Employee No",  first\_name||' '||last\_name as "Employee Name",  Salary,  hire\_date as "Hired Date",  Department\_name as "Name of The Department"  from hr.employees join hr.departments  on(hr.employees.department\_id = departments.department\_id)  where salary > all (select  avg(salary)  from hr.employees join hr.departments  on(hr.employees.department\_id = departments.department\_id)  where Department\_name='Sales'  group by department\_Name)  order by department\_Name;  **6.PNG**  **7**  **Code:**  select  Department\_name as "Department Name" ,  sum(salary) as "Summarize Salary"  from hr.employees join hr.departments  on(hr.employees.department\_id = departments.department\_id)  where job\_id like 'I%'  group by department\_name  order by department\_name;  7.PNG  **8**  Solution:  Code:  select  employee\_id as "Employee No",  first\_name||' '||last\_name as "Employee Name",  Salary,  hire\_date as "Hired Date",  Department\_name as "Name of The Department"  from hr.employees join hr.departments  on(hr.employees.department\_id = departments.department\_id)  where first\_name like 'E%';  8.PNG  9  Solution:  Code:  select  employee\_id as "Employee No",  first\_name||' '||last\_name as "Employee Name",  Salary,  hire\_date as "Hired Date",  Department\_name as "Name of The Department"  from hr.employees join hr.departments  on(hr.employees.department\_id = departments.department\_id)  where salary > all (select  min(salary)  from hr.employees join hr.departments  on(hr.employees.department\_id = departments.department\_id)  where Department\_name='Marketing'  group by department\_Name)  order by department\_Name;  9.PNG  **10**  Code:  select  employee\_id as "Employee No",  first\_name||' '||last\_name as "Employee Name",  Salary,  hire\_date as "Hired Date",  Department\_name as "Name of The Department"  from hr.employees join hr.departments  on(hr.employees.department\_id = departments.department\_id)  where salary > all (select  avg(salary)  from hr.employees join hr.departments  on(hr.employees.department\_id = departments.department\_id)  where Department\_name in ('Sales','Marketing')  group by department\_Name)  order by department\_Name;  10.PNG |