

AHSANULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Course No: CSE4126

Course Title: Distributed Database Systems Lab

Spring 2019 | Mid Term Quiz | Marks 20 | Time: 40 Minutes | Set – F

ID =

SECTION =

Consider the following relational schema. An employee can work in more than one department; the *pct_time* field of the Works relation shows the percentage of time that a given employee works in a given department.

eid	ename	age	salary
11	Susan Martin	39	9699
13	Mary Johnson	44	4401
16	Robert Brown	28	3543
17	Linda Devis	26	2597
18	Michael Miller	62	10310
20	Matt Nelson	33	4899

Emp

eid	did	pct_time
13	2	100
20	2	25
11	1	50
18	1	25
17	4	100
11	5	50
18	5	75
20	6	50
16	6	100

Works

did	dname	budget	managerid
1	Hardware	1000	11
2	Operations	5000	13
4	Marketing	6000	16
5	Software	6000	17
6	Production	6000	20

Dept

1. Create a **view** that displays the ename and age as view_ename, view_age of **Emp** relation for each employee who works in both the 'Production' and 'Operations' department. 5
The output will look like as follows:

view_ename	view_age
Matt Nelson	33

2. Create a **procedure** that will find the maximum and minimum salary from **Emp** relation. 5
The output will look like as follows:

Minimum Salary	2597
Maximum Salary	10310

3. Use **Cursor** to find the ename, salary of each employee whose salary exceeds the budget of all of the departments that he or she works in. 10
The output will look like as follows:

ename	salary
Susan Martin	9699
Michael Miller	10310