1. **Write a SQL statement to change the salary of an employee to 8000 whose ID is 105, if the existing salary is less than 5000.**

dbda\_lab=# select \* from employees where employee\_ID =105;

employee\_id | first\_name | last\_name | email | phone\_number | hire\_date | job\_id | salary | commission\_pct | manager\_id | department\_id

-------------+------------+-----------+---------+--------------+------------+---------+---------+----------------+------------+---------------

105 | David | Austin | DAUSTIN | 590.423.4569 | 1987-06-22 | IT\_PROG | 4800.00 | 0.00 | 103 | 60

(1 row)

^

dbda\_lab=# update employees set salary = 8000 where employee\_ID = 105 and salary <= 5000;

UPDATE 1

dbda\_lab=# select \* from employees where employee\_ID =105;

employee\_id | first\_name | last\_name | email | phone\_number | hire\_date | job\_id | salary | commission\_pct | manager\_id | department\_id

-------------+------------+-----------+---------+--------------+------------+---------+---------+----------------+------------+---------------

105 | David | Austin | DAUSTIN | 590.423.4569 | 1987-06-22 | IT\_PROG | 8000.00 | 0.00 | 103 | 60

(1 row)

1. **Write a SQL statement to change the job ID of the employee which ID is 118 to SH\_CLERK if the employee belongs to a department which ID is 30 and the existing job ID does not start with SH.**

dbda\_lab=# select \* from employees where employee\_ID =118;

employee\_id | first\_name | last\_name | email | phone\_number | hire\_date | job\_id | salary | commission\_pct | manager\_id | department\_id

-------------+------------+-----------+---------+--------------+------------+----------+---------+----------------+------------+---------------

118 | Guy | Himuro | GHIMURO | 515.127.4565 | 1987-07-05 | PU\_CLERK | 2600.00 | 0.00 | 114 | 30

(1 row)

bda\_lab=# update employees set job\_id = 'SH\_CLERK' where employee\_ID = 118 and department\_ID = 30 and job\_id != 'SH';

UPDATE 1

dbda\_lab=# select \* from employees where employee\_ID =118;

employee\_id | first\_name | last\_name | email | phone\_number | hire\_date | job\_id | salary | commission\_pct | manager\_id | department\_id

-------------+------------+-----------+---------+--------------+------------+----------+---------+----------------+------------+---------------

118 | Guy | Himuro | GHIMURO | 515.127.4565 | 1987-07-05 | SH\_CLERK | 2600.00 | 0.00 | 114 | 30

(1 row)

1. **Write a SQL statement to increase the salary of employees under the department 40, 90 and 110 according to the company rules that, the salary will be increased by 25% of the department 40, 15% for department 90 and 10% of the department 110 and the rest of the department will remain same.**

TYPE 1

dbda\_lab=# update employees set salary = salary +(salary\*.25) where department\_id = 40;

UPDATE 1

dbda\_lab=# update employees set salary = salary +(salary\*.15) where department\_id = 90;

UPDATE 3

dbda\_lab=# update employees set salary = salary +(salary\*.10) where department\_id = 110;

UPDATE 2

dbda\_lab=#

1. **Write a SQL statement to change the email column of the employees table with 'not available' for those employees who belongs to the 'Accounting' department.**

dbda\_lab=# update employees set email = 'Not Avaliable' where job\_id ='FI\_ACCOUNT';

UPDATE 5

dbda\_lab=#

—--------

111 | Ismael | Sciarra | Not Avaliable | 515.124.4369 | 1987-06-28 | FI\_ACCOUNT | 7700.00 | 0.00 | 108 | 100

112 | Jose Manuel | Urman | Not Avaliable | 515.124.4469 | 1987-06-29 | FI\_ACCOUNT | 7800.00 | 0.00 | 108 | 100

113 | Luis | Popp | Not Avaliable | 515.124.4567 | 1987-06-30 | FI\_ACCOUNT | 6900.00 | 0.00 | 108 | 100

1. **Write a SQL statement to change the email column of employees table with 'not available' for those employees whose department\_id is 80 and gets a commission is less than.20%.**

dbda\_lab=# update employees set email ='not avaliable' where department\_id = 80 and commission\_pct < .20;

UPDATE 10

dbda\_lab=#

1. **Write a SQL statement to change the email and commission\_pct column of the employees table with 'not available' and 0.10 for all employees.**

dbda\_lab=# update employees set commission\_pct = .10;

UPDATE 107

—--------------------------------

dbda\_lab=# update employees set email='not avaliable';

UPDATE 107