

DATABASE MANAGEMENT SYSTEM

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EXP: 1

CREATION OF DATABASE AND DML OPERATIONS

1. CREATE table MY_EMPLOYEE(ID number(4) NULL, Last_name varchar(25), First_Name varchar(25), Userid varchar(25),Salary number(9,2));

Object Type **TABLE** Object **MY_EMPLOYEE**

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
<u>MY_EMPLOYEE</u>	<u>ID</u>	NUMBER	-	4	0	-	✓	-	-
	<u>LAST_NAME</u>	VARCHAR2	25	-	-	-	✓	-	-
	<u>FIRST_NAME</u>	VARCHAR2	25	-	-	-	✓	-	-
	<u>USERID</u>	VARCHAR2	25	-	-	-	✓	-	-
	<u>SALARY</u>	NUMBER	-	9	2	-	✓	-	-
1 - 5									

2. begin

```
insert into MY_EMPLOYEE values(1,'Patel','Ralph','rpatel',895);
insert into MY_EMPLOYEE values(2,'Dancs','Betty','bdancs',860);
end
;
/
```

ID	LAST_NAME	FIRST_NAME	USERID	SALARY
1	Patel	Ralph	rpatel	895
2	Dancs	Betty	bdancs	860

3. SELECT *FROM MY_EMPLOYEE;

ID	LAST_NAME	FIRST_NAME	USERID	SALARY
1	Patel	Ralph	rpatel	895
2	Dancs	Betty	bdancs	860

4. begin

```
INSERT INTO MY_EMPLOYEE (ID,Last_Name,First_Name,Salary)
values(3,'Biri','Ben',1100);
INSERT INTO MY_EMPLOYEE (ID,Last_Name,First_Name,Salary)
values(4,'Newman','Chad',750);
end
;
```

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ID	LAST_NAME	FIRST_NAME	USERID	SALARY
1	Patel	Ralph	rpatel	895
2	Dancs	Betty	bdancs	860
3	Biri	Ben	-	1100
4	Newman	Chad	-	750

UPDATE MY_EMPLOYEE SET
USERID=CONCAT(Substr(First_Name,1,1),Last_Name);

ID	LAST_NAME	FIRST_NAME	USERID	SALARY
1	Patel	Ralph	RPatel	895
2	Dancs	Betty	BDancs	860
3	Biri	Ben	BBiri	1100
4	Newman	Chad	CNewman	750

5. DELETE FROM MY_EMPLOYEE WHERE First_Name='Betty';

ID	LAST_NAME	FIRST_NAME	USERID	SALARY
1	Patel	Ralph	RPatel	895
3	Biri	Ben	BBiri	1100
4	Newman	Chad	CNewman	750

6. DELETE FROM MY_EMPLOYEE WHERE ID=4;

ID	LAST_NAME	FIRST_NAME	USERID	SALARY
1	Patel	Ralph	RPatel	895
3	Biri	Ben	BBiri	1100

7. COMMIT;

8. UPDATE MY_EMPLOYEE SET Last_Name='Drexler' where ID=3;

ID	LAST_NAME	FIRST_NAME	USERID	SALARY
1	Patel	Ralph	RPatel	895
3	Drexler	Ben	BBiri	1100

9. UPDATE MY_EMPLOYEE SET Salary=1000 WHERE Salary<900;

ID	LAST_NAME	FIRST_NAME	USERID	SALARY
1	Patel	Ralph	RPatel	1000
3	Drexler	Ben	BBiri	1100