

Database Management System

Ex 1: Creation of table and DML operations

1. Create MY_EMPLOYEE table with the following structure

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```
Create table MY_EMPLOYEE (  
id number(4),  
last_name varchar(25),  
first_name varchar(25),  
userid varchar(25),  
salary decimal(9,2));
```

Results Explain Describe Saved SQL History

Table created.

0.00 seconds

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SQL my_employee;

Results Explain **Describe** Saved SQL History

Object Type TABLE Object MY_EMPLOYEE

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

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2. Display the table with values.
3. Add the first and second rows data to MY_EMPLOYEE table from the following sample

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SELECT * FROM MY_EMPLOYEE;

Results Explain Describe Saved SQL History

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

2 rows returned in 0.01 seconds [Download](#)

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5. Delete Betty dances from MY_EMPLOYEE table

```
delete from my_employee where first_name = 'Betty';
```

Results Explain Describe Saved SQL History

1 row(s) deleted.

0.00 seconds



6. Empty the fourth row of the emp table

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```
delete from my_employee  
where id = 4 ;
```

Results Explain Describe Saved SQL History

1 row(s) deleted.



0.00 seconds

7. Make the data additions permanent

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```
commit ;|
```

Results Explain Describe Saved SQL History



Commit statement not applicable. All statements are automatically committed.

8. Change the last name of employee 3 to Drexler.

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```
update my_employee  
set last_name = 'Drexler'  
where id = 3;
```

Results Explain Describe Saved SQL History

1 row(s) updated.



0.00 seconds

9. Change the salary to 1000 for all the employees with a salary less than 900.

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```
update my_employee  
set salary = 1000  
where salary < 900;
```

Results Explain Describe Saved SQL History

2 row(s) updated.

0.00 seconds