Lab Assignment No-05

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Class: TE-Comps B	Batch: B3
Date of Experiment: 14/08/2020	Date of Submission: 24/11/2020
Grade :	

1. Create a table DEPT with two attributes CREATE TABLE DEPT

```
(
Dept_id number PRIMARY KEY,
Dept_name varchar(10),
Dept_location number
);
```

Ans:

2. Create a table EMP with the following attributes.

```
CREATE TABLE EMP

(

Emp_id number PRIMARY KEY,

Last_name varchar(25),

First_name varchar(25),

Address varchar(25)

);
```

Ans:

3. Create a table LOC with the following attributes.

```
CREATE TABLE LOC

(
Loc_id number PRIMARY KEY,
Loc_name varchar(25)
);
```

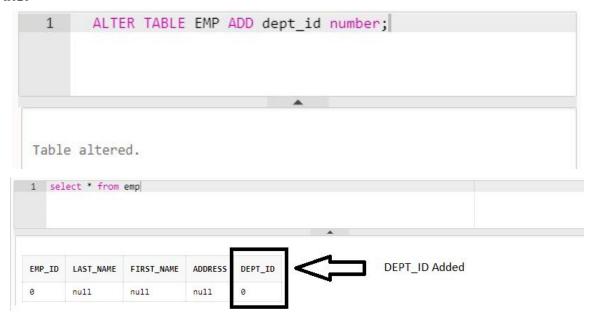
Ans:

4. Add a new column DEPT_ID to the EMP table.

ALTER TABLE EMP ADD dept_id number;

Check that the column has been added, by displaying the structure of the table

Ans:



5. Add a foreign key constraint to EMP table on the attribute DEPT_ID

ALTER TABLE EMP ADD CONSTRAINT emp_fk FOREIGN KEY (dept_id) references dept(dept_id)

Ans:



6. Rename the table EMP to MY_EMP

ALTER TABLE EMP RENAME TO MY_EMP

Check that the table has been re-named. There should not be any table by the name EMP

Ans:



7. Confirm that the constraints were created on the tables EMP and DEPT by querying the data dictionary view USER_CONSTRAINTS.. Note the type and names of the constraints.

Ans:

SELECT * FROM USER_CONSTRAINTS

OWER	CONSTRAINT_NAME	CONSTRAINT_TYPE	TABLE_NAME	SEARCH_CONDITION	SEARCH_CONDETION_VC	ROMER	R_CONSTRAINT_NAME	DELETE_MULE	STATUS	DEFERRABLE	DEFERRED	VALIDATED	GENERATED	BAO	RELY	LAST_CHANGE	INDEX_DANER	INDEX_NAME	IWALID	VIEW_RELATED	ONSESN_CON_SD
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SQL_GLOKSGELVMFNDEEDHRIDGBVNS	5/5_0835199445	j	MY_ENP						ENABLED	NOT DEFERRABLE	DWEDIATE	VALIDATED	GENERATED NAVE			65-AUG-28	SQL_GLOKSGELWFRDEEDRODGBVAS	5/5_00035199445			3
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SQL_GLOKSGELVMPHDEEDHRIDGBVNS	BIP_FK	8	N/_EN/			SQL_GLOKSGEL/MPNDEEDHKKDGBVMS	515_0835199433	NO ACTION	ENABLED	NOT DEFERRABLE	DWEDIATE	VALIDATED	USER NAVE			96-AUG-29					3

8. Drop the table DEPT

Ans:

Table dropped

9. Drop the table MY_EMP Note your observations when dropping the tables

Ans:

Table dropped