

LAB Assignment: III

CBS 1007 Database Systems

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Using the Tables given below, answer the Queries given in Exercises I and II

Data For Employee Table

FName	Mini t	LName	SSN	BDate	Address	Sex	Salary	SuperSSN	DepNo
Doug	Е	Gilbert	554433221	09-JUN-60	11 S 59 E, Salt Lake City, UT	M	80000	NULL	3
Joyce		PAN	543216789	07-FEB-78	35 S 18 E, Salt Lake City, UT	F	70000	NULL	2
Frankin	Т	Wong	333445555	08-DEC- 45	638 Voss, Houston, TX	M	40000	554433221	5
Jennifer	S	Wallace	987654321	20-JUN-31	291 Berry, Bellaire, TX	F	43000	554433221	4
John	В	Smith	123456789	09-JAN-55	731 Fondren, Houston, TX	M	30000	333445555	5
Ramesh	K	Narayan	666884444	15-SEP-52	975 Fire Oak, Humble, TX	M	38000	333445555	5
Joyce	A	English	453453453	31-JUL-62	5631 Rice, Houston, TX	F	25000	333445555	5
James	Е	Borg	888665555	10-NOV- 27	450 Stone, Houston, TX	M	55000	543216789	1
Alicia	J	Zelaya	999887777	19-JUL-58	3321 Castle, Spring, TX	F	25000	987654321	4
Ahmad	V	Jabbar	987987987	29-MAR- 59	980 Dallas, Houston, TX	M	25000	987654321	4

Data For Department table

DName	DepNo	MgrSSN	MgrStartDate
Manufacture	1	888665555	19-JUN-71
Administration	2	543216789	04-JAN-99
Headquarter	3	554433221	22-SEP-55
Finance	4	987654321	01-JAN-85

Research	5	333445555	22-MAY-78
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Data For Project

PName	PNumber	Plocation	DepNo
ProjectA	3388	Houston	1
ProjectB	1945	Salt Lake City	3
ProjectC	6688	Houston	5
ProjectD	2423	Bellaire	4
ProjectE	7745	Sugarland	5
ProjectF	1566	Salt Lake City	3
ProjectG	1234	New York	2
ProjectH	3467	Stafford	4
ProjectI	4345	Chicago	1
ProjectJ	2212	San Francisco	2

Table Name: Employee

Attribute	Data Type	Constraint
First Name	Varchar (15)	Not Null
Mid Name	Char(2)	
Last Name	Varchar (15)	Not Null
SSN Number	Char (9)	Primary Key
Birthday	Date	
Address	Varchar (50)	
Sex	Char(1)	Sex In (M,F,m,f)
Salary	Number (7)	Default 800
Supervisor SSN	Char (9)	Foreign Key Employee (SSN)
		on delete set null
Department number	Number(5)	Foreign key to department
		number of department table on
		delete cascade

Table Name : Department

Attribute	Data type	Constraint
Department Name	Varchar(15)	Not Null
Department number	INT(5)	Primary key
Manager SSN	Char (9)	Foreign key-Employee (SSN) on delete set null
Manage start date	Date	

Table Name : Dept_locations

Attribute	Data type	Constraint
Department Number	Number(5)	Department (dep no) onDelete
		Cascade

Danastmant I agation	Vanahan (15)	
Department Location	Varchar (15)	

Table Name: Project

Attribute	Data type	Constraint
Project Name	Varchar2(15)	Not Null
Project number	Number(5)	Primary key
Project Location	Varchar2(50)	
Department Number	Number(5)	Foreign Key –Department (dep
		no) on delete set null

Table Name: Works_On

The combination of Employee SSN and Project Number must be a Primary Key

Attribute	Data type	Constraint
Employee SSN	Char (9)	Foreign Key
		Employee (SSN) on delete cascade
Project number	INT(5)	Foreign Key project (Pnumber) on
		delete cascade
Hours	Decimal (3,1)	Not null

Name: Dependent

The combination of Employee SSN and Dependent Name must be a Primary Key.

Attribute	Datatype	Constraint
Employee	Char (9)	Foreign Key- Employee (SSN) on Delete
		Cascade
Dependent Name	Varchar(15)	
Sex	Char(1)	Check Sex in (M,F,m,f)
Birthday	Date	
Relationship	Varchar(8)	

Data for table - Dept_Locations

Dep No	D Location
1	Houston
1	Chicago
2	New York
2	San Francisco
3	Salt Lake City
4	Stafford
4	Bellaire
5	Sugarland
5	Houston

ESSN	Pno	Hours
123456789	3388	32.5
123456789	1945	7.5
666884444	3388	40.0
453453453	7745	20.0
453453453	2212	20.0
333445555	7745	10.0
333445555	6688	10.0
333445555	4345	35.0
333445555	2212	28.5
999887777	2212	11.5
543216789	2212	17.0
554433221	1945	21.5

Data for Table - Dependent

ESSN	Dependent_name	Sex	Bdate	Relationship
333445555	Alice	F	05-Apr-76	Daughter
333445555	Theodore	M	25-Oct-73	Son
333445555	Joy	F	03-May-48	Spouse
987654321	Abner	M	29-Feb-32	Spouse
123456789	Alice	F	31-Dec-78	Daughter
123456789	Elizabeth	F	05-may-57	Spouse

Exercise-I:

1. Insert the data given above in both employee, department and project tables.

CODE:-

 $INSERT\ INTO\ Employee\ (First_Name, Mid_Name,\ Last_Name,\ SSN_Number,$

Birthday, Address, Sex, Salary, Supervisor_SSN, Department_number)

VALUES

('Doug','E', 'Gilbert', '554433221', '1960-06-09', '11 S 59 , Salt Lake City, UT', 'M', 80000,

NULL, 3),

('Joyce',null, 'PAN', '543216789', '1978-02-07', '35 S 18, Salt Lake City, UT', 'F', 70000, NULL, 2),

('Frankin','T', 'Wong', '333445555', '1945-12-08', '638 Voss, Houston, TX', 'M', 40000, '554433221', 5),

('Jennifer','S', 'Wallace', '987654321', '1931-06-20', '291 Berry, Bellaire, TX', 'F', 43000, '554433221', 4),

('John','B', 'Smith', '123456789', '1955-01-09', '731 Fondren, Houston, TX', 'M', 30000, '333445555', 5),

('Ramesh','K', 'Narayan', '666884444', '1952-09-15', '975 Fire Oak, Humble, TX', 'M',

```
38000, '333445555', 5),
('Joyce','A', 'English', '453453453', '1962-07-31', '5631 Rice, Houston, TX', 'F', 25000,
'333445555', 5),
('James', 'E', 'Borg', '888665555', '1927-11-10', '450 Stone, Houston, TX', 'M', 55000,
'543216789', 1),
('Alicia','J', 'Zelaya', '999887777', '1958-07-19', '3321 Castle, Spring, TX', 'F', 25000,
'987654321', 4),
('Ahmad','V', 'Jabbar', '987987987', '1959-03-29', '980 Dallas, Houston, TX', 'M', 25000,
'987654321', 4);
INSERT INTO Department (Department Name, Department number, Manager SSN,
Manager start date)
ROSHTU KUTHIALA 21BBS0049 13
VALUES
("Manufacture", 1, "888665555", "1971-06-19"),
("Administration", 2, "543216789", "1999-01-04"),
("Headquarter", 3, "554433221", "1955-09-22"),
("Finance", 4, "987654321", "1985-01-01"),
("Research", 5, "333445555", "1978-05-22");
INSERT INTO Project (Project Name, Project number, Project Location,
Department Number)
VALUES
('ProjectA', 3388, 'Houston', 1),
('ProjectB', 1945, 'Salt Lake City', 3),
('ProjectC', 6688, 'Houston', 5),
('ProjectD', 2423, 'Bellaire', 4),
('ProjectE', 7745, 'Sugarland', 5),
('ProjectF', 1566, 'Salt Lake City', 3),
('ProjectG', 1234, 'New York', 2),
('ProjectH', 3467, 'Stafford', 4),
('ProjectI', 4345, 'Chicago', 1),
('ProjectJ', 2212, 'San Francisco', 2);
OUTPUT:-
```

First_Name	Rid_Name	Last_Name	SSI_Number	Rinthday	Address	sex	Salary	Sapervisor_SSN	Department_number
John	1	Smith	123456789	1955-01-09	711 Fordrer, Houston, TX	1.8	38886	333445555	
Frankin	11	Mang:	333445555	1965-12-66	638 Yess, Houston, TX	18	40000	354433221	10 01
Joyce	1.	English	453453463	1962-69-11	5631 Rice, Houston, TX	1.6	25000	333445555	1 1
Joyce	NULL	288	543216789	1975-62-61	15 5 18 , Salt Lake City, UT	F	70000	MILL	
Desig.	E	Gilbert	559433221	1968-86-89	11 5 59 , Salt Lake City, UT	1 8	10000	WILL	
Rasech	1 K	Barayan	666884444	1953-89-15	975 Fire Oak, Humble, TX	1 8	18000	333445555	
James	E	Borg	888665555	1927-11-18	458 Stone, Houston, TX	1 8	55999	543216789	1 1
Robert	16	Scott	943775543	1942-66-21	2365 Newcastle Rd, Bellaire, TX	1 8	58888	888665555	1 1
Jennifer	8	Wallace	987654321	1931-06-28	291 Berry, Bollaire, TX	I F	43000	554433221	
Almad	1.4	Jabbar	987987987	1969-03-29	988 Dallas, Houston, TX	18	25000	987654321	
Alicia	3	Zelaya	999887777	1958-07-19	1125 Caetle, Spring, TX	1 .	25000	887654321	

Department_Name	Department_number	Manager_SSN	Manager_start_date
Manufacture	1	888665555	1971-06-19
Administration	2	543216789	1999-01-04
Headquarter	3	554433221	1955-09-22
Finance	4	987654321	1985-01-01
Research	5	333445555	1978-05-22

Project_Name	Project_number	Project_Location	Department_Number
ProjectG	1234	New York	2
ProjectF	1566	Salt Lake City	3
ProjectB	1945	Salt Lake City	3
ProjectJ	2212	San Francisco	2
ProjectD	2423	Bellaire	4
ProjectA	3388	Houston	1
ProjectH	3467	Stafford	4
ProjectI	4345	Chicago	1
ProjectC	6688	Houston	5
ProjectE	7745	Sugarland	5

2. Display all the employees' information.

CODE:-

SELECT* FROM EMPLOYEE;

OUTPUT:-

			SSR_Manber		Address				Department_maker
John	N.	halth		2935-01-00	721 Fendren, Wasston, TX			111905555	
Frenkin	1.7	World			635 Was, Hearton, TK		49900	584433221	
Jayes	l a	English TAN	#5005@453	1962-97-81	5631 Rice, Measter, TE			333905555	
Jogen	HULL	246	540036769	5970-02-09	35 5 10 , Salt Lake City, WT	1 =	79900	MILL	
Desig	1.8	Gilbert	559033223		II 5 39 , Salt Lake City, UT			MILE.	
Rasenti	T K	Astrojan	665004906		975 Fire Dak, Hostle, TX			133495555	
James	100	Berg	835665565		450 Stone, Heasten, TE		15900	543216789	
Robert .	1.6	South	841775343		2360 Secondie Rd, Sellaire, TE		1.50000		
Jennifer	1.5	Welliage	987684333	2933-06-26	291 Serry, Sellaire, TX	F	\$3900		
Mented	1 V	Johns			-REN Dallas, Neusten, TR		35808		
Midale	13	Telapa			3000 Cookly, Epodag, TH		1 38600	1 00540k353	

3. Display Employee name along with his SSN and Supervisor SSN.

CODE:-

select First_Name,Mid_Name,Last_Name,SSN_Number,Supervisor_SSN from Employee;

First_Name	Mid_Name	Last_Name	SSN_Number	Supervisor_SSN
John	B	Smith	123456789	333445555
Frankin	İΤ	Wong	333445555	554433221
Joyce	İΑ	English	453453453	333445555
Joyce	NULL	PAN	543216789	NULL
Doug	ΙE	Gilbert	554433221	NULL
Ramesh	į k	Narayan	666884444	333445555
James	İΕ	Borg	888665555	543216789
Robert	İF	Scott	943775543	888665555
Jennifer	İs	Wallace	987654321	554433221
Ahmad	l v	Jabbar	987987987	987654321
Alicia	jj	Zelaya	999887777	987654321

4. Display the employee names whose bdate is '29-MAR-1959'.

CODE:-

SELECT First_Name,Mid_Name,Last_Name

FROM EMPLOYEE

WHERE Birthday = '1959-03-29';

OUTPUT:-

5. Display salary of the employees without duplications.

CODE:-

select distinct Salary from Employee;

OUTPUT:-

6. Display the MgrSSN, MgrStartDate of the manager of 'Finance' department.

CODE:-

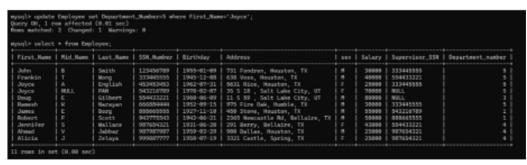
select Manager_SSN, Manager_start_date from Department where Department_Name='Finance';

```
mysql> select Manager_SSN, Manager_start_date from Department where Department_Name='Finance';

| Manager_SSN | Manager_start_date |
| 987654321 | 1985-01-01 |
| row in set (0.01 sec)
```

7. Modify the department number of an employee having fname as 'Joyce' to 5 CODE:-

update Employee set Department_Number=5 where First_Name='Joyce';
select * from Employee;



8. Alter Table department add column DepartmentPhoneNum of NUMBER data type and insert values into this column only.

CODE:-

```
alter table Department add DepartmentPhoneNum INT(20);
update Department set DepartmentPhoneNum=773533242
where Department_Number=1;
update Department set DepartmentPhoneNum=986108923
where Department_Number =2;
update Department set DepartmentPhoneNum=889550180
where Department_Number =3;
update Department set DepartmentPhoneNum=986126434 where
Department_Number =4;
update Department set DepartmentPhoneNum=986264354 where
Department_Number =5;
select * from Department;
OUTPUT:-
```

9. Alter table department to modify the size of DepartmentPhoneNum.

CODE:-

ALTER TABLE Department MODIFY DepartmentPhoneNum INT(20); select * from Department;

OUTPUT:-

10. Modify the field name DepartmentPhoneNum of departments table to PhNo.

CODE:-

ALTER TABLE Department

CHANGE DepartmentPhoneNum PhNo INT(20);

Select*from department;

```
mysql> ALTER TABLE Department
-> CHANGE DepartmentPhoneNum PhNo INT(20);
Query OK, 0 rows affected, 1 warning (0.05 sec)
Records: 0 Duplicates: 0 Warnings: 1
mysql> Select*from department ;
  Department_Name | Department_number | Manager_SSN | Manager_start_date | PhNo
                                                        1 | 888665555
2 | 543216789
3 | 554433221
4 | 987654321
5 | 123456789
   Administration
                                                                                     1999-01-04
                                                                                                                      986108923
   Headquarter
                                                                                     1955-09-22
                                                                                                                      889550180
                                                                                     1985-01-01
1988-10-01
                                                                                                                      986126434
   Finance
  Research
                                                                                                                      986264354
5 rows in set (0.00 sec)
```

11. Rename Table Department as DEPT.

CODE:-

RENAME TABLE Department TO DEPT;

select * from DEPT

OUTPUT:-

ysal> select * fr	om DEDT.			
	DIII DEPI;	·		·
Department_Name	Department_number	Manager_SSN	Manager_start_date	PhNo
	·			·
Manufacture	1	888665555	1971-06-19	773533242
Administration	2	543216789	1999-01-04	986108923
Headquarter	3	554433221	1955-09-22	889550180
Finance	4	987654321	1985-01-01	986126434
Research	5	123456789	1988-10-01	986264354

12. Alter Table department remove column PhNo.

CODE:-

alter table DEPT drop column PhNo;

select * from DEPT;

OUTPUT:-

13. Create a table COPYOFDEPT as a copy of the table DEPT.

CODE:-

```
create table copy as select * from DEPT;
select * from copy;
```

OUTPUT:-

```
mysql> create table copy as select * from DEPT;
Query OK, 5 rows affected (0.02 sec)
Records: 5 Duplicates: 0 Warnings: 0

mysql> select * from copy;

| Department_Name | Department_number | Manager_SSN | Manager_start_date |
| Manufacture | 1 | 888665555 | 1971-06-19 |
| Administration | 2 | 543216789 | 1999-01-04 |
| Headquarter | 3 | 55443221 | 1955-09-22 |
| Finance | 4 | 987654321 | 1985-01-01 |
| Research | 5 | 123456789 | 1988-10-01 |
| 5 rows in set (0.00 sec)
```

14. Delete all the rows from COPYOF DEPT table.

CODE:-

delete from copy;

select * from copy;

OUTPUT:-

```
mysql> delete from copy;
Query OK, 5 rows affected (0.00 sec)
mysql> select * from copy;
Empty set (0.00 sec)
```

15. Remove COPYOF DEPT table.

CODE:-

drop table copy;

select * from copy;

OUTPUT:-

```
mysql> drop table copy;
Query OK, 0 rows affected (0.02 sec)
mysql> select * from copy;
ERROR 1146 (42S02): Table 'labda2_3.copy' doesn't exist
```

Exercise: II

Operators and Functions

Execute the following queries based on the schema specified in exercise 1

1. Find the employee names having salary greater than Rs.25000.

CODE:-

```
SELECT First_Name,Mid_Name,Last_Name
FROM EMPLOYEE WHERE SALARY > 25000;
```

OUTPUT:-

		,Mid_Name,Last_Name RE SALARY > 25000;
First_Name	Mid_Name	Last_Name
John Frankin Joyce Doug Ramesh James Robert	B T NULL E K E F	Smith Wong PAN Gilbert Narayan Borg Scott
Jennifer + 8 rows in set	(0.00 sec)	Wallace

2. Find the employee names whose salary lies in the range between 30000 and 70000.

CODE:-

SELECT First_Name,Mid_Name,Last_Name

FROM EMPLOYEE WHERE SALARY BETWEEN 30000 AND 70000;

OUTPUT:-

		,Mid_Name,Last_Name ERE SALARY BETWEEN 30000 AND 70000;
First_Name	Mid_Name	Last_Name
John Frankin Joyce Ramesh James Robert Jennifer	B T NULL K E F S	Smith Wong PAN Narayan Borg Scott Wallace

3. Find the employees who have no supervisor.

CODE:-

SELECT First_Name,Mid_Name,Last_Name
FROM EMPLOYEE WHERE SUPERVISOR_SSN IS NULL;

OUTPUT:-

4. Display the birthdate of all employee s in the format 'DDthMonthYYYY'.

CODE:-

SELECT DATE_FORMAT(Birthday, '%Y-%m-%d') AS formatted_bdate FROM employee;

5. Display the employee names whose bdate is on or before 1978. 6. Display the employee names having 'salt lake' in their address.

CODE:-

SELECT First_Name,Mid_Name,Last_Name FROM EMPLOYEE WHERE Birthday <= 1978-12-31;

OUTPUT:-

```
mysql> SELECT First_Name,Mid_Name,Last_Name
-> FROM EMPLOYEE WHERE Birthday <= 1978-12-31;
Empty set, 1 warning (0.00 sec)
```

7. Display the department name that starts with 'M'.

CODE:-

SELECT Department Name

FROM DEPT WHERE Department Name LIKE 'M%';

OUTPUT:-

8. Display the departme nt names' that ends with 'E'.

CODE:-

SELECT Department Name

FROM DEPT WHERE Department_Name LIKE '%e';

9. Display the names of all the employees having supervisor with any of the following SSN 554433221, 333445555.

CODE:-

SELECT First_Name,Mid_Name,Last_Name
FROM EMPLOYEE WHERE SUPERVISOR_SSN IN ('554433221', '333445555');
OUTPUT:-

	MPLOYEE WHE	Mid_Name,Last_Name RE SUPERVISOR_SSN IN ('554433221', '333445555');
First_Name		
Joyce Ramesh Frankin	К	Smith English Narayan Wong Wallace
5 rows in set	(0.00 sec)	

10. Display all the department names in upper case and lower case.

CODE:-

SELECT UPPER(Department_Name) AS UPPER_DEPT_NAME,
LOWER(Department_Name) AS LOWER_DEPT_NAME FROM DEPT;
OUTPUT:-

```
mysql> SELECT UPPER(Department_Name) AS UPPER_DEPT_NAME, LOWER(Department_Name) AS LOWER_DEPT_NAME FROM DEPT;

| UPPER_DEPT_NAME | LOWER_DEPT_MAME |
| MANUFACTURE | manufacture |
| ACMINISTRATION | administration |
| HEADQUARTER | headquarter |
| FINANCE | finance |
| RESEARCH | research |
| 5 rows in set (0.00 sec)
```

11. Display the first four characters and last four of the department names using substring function.

CODE:-

SELECT SUBSTR(Department_Name, 1, 4) AS FIRST_FOUR_CHARS, SUBSTR(Department_Name, -4) AS LAST_FOUR_CHARS FROM DEPT;

OUTPUT:-

```
nysql> SELECT SUBSTR(Department_Mame, 1, 4) AS FERST_FOUR_CHARS, SUBSTR(Department_Name, -4) AS LAST_FOUR_CHARS FROM DEPT;

| FIRST_FOUR_CHARS | LAST_FOUR_CHARS |
| Manu | ture |
| Admi | tion |
| Head | rter |
| Fina | ance |
| Rese | arch |
| Fow in set (0.00 sec)
```

12. Display the substring of the Address (starting from 5 position to 11 th position) of all employees.

CODE:-

SELECT SUBSTR(ADDRESS, 5, 7) AS ADDRESS SUBSTRING

FROM EMPLOYEE;

OUTPUT:-

13. Display the Mgrstartdate on adding three months to it.

CODE:-

SELECT Department_Name, DATE_ADD(Manager_start_date, INTERVAL 3 MONTH) AS Manager_start_date FROM DEPT;

OUTPUT:-

14. Display the age of all the employees rounded to two digits.

CODE:-

SELECT First_Name,

ROUND(DATEDIFF(CURDATE(), Birthday)/365.25, 2) AS Age FROM EMPLOYEE;

OUTPUT:-

```
nysql> SELECT First_Name
    -> ROUND(DATEDIFF(CURDATE(), Birthday)/365.25, 2) AS Age
    -> FROM EMPLOYEE;
| First_Name | Age
 John
               68.14
 Frankin
               77.22
              60.58
 Joyce
              45.06
 Joyce
              62.72
 Doug
               70.45
 Ramesh
              95.30
 James
 Robert
              80.69
  Jennifer
               91.69
               63.92
 Alicia
               64.61
11 rows in set (0.00 sec)
```

15. Find the last day and next day of the month in which each manager has joined.

CODE:-

SELECT Manager SSN, Manager start date,

LAST DAY(Manager start date) AS last day,

DATE_ADD(Manager_start_date, INTERVAL 1 DAY) AS next_day FROM DEPT;

OUTPUT:-

```
mysql> SELECT Manager_SSN, Manager_start_date,
    -> LAST_DAY(Manager_start_date) AS last_day,
-> DATE_ADD(Manager_start_date, INTERVAL 1 DAY) AS next_day
    -> FROM DEPT;
| Manager_SSN | Manager_start_date | last_day
                                                          next_day
 888665555
                 | 1971-06-19
                                            1971-06-30 | 1971-06-20
                                                          | 1999-01-05
| 1955-09-23
| 1985-01-02
| 1988-10-02
  543216789
                  1999-01-04
                                             1999-01-31
                  1955-09-22
                                             1955-09-30
  554433221
  987654321
                  1985-01-01
                                             1985-01-31
  123456789
                  1988-10-01
                                             1988-10-31
5 rows in set (0.00 sec)
```

Print a substring from the string 'Harini'.

CODE:-

SELECT SUBSTR('Harini', 2, 3) AS SUBSTRING FROM DUAL;

OUTPUT:-

17. Replace the string 'ni' from 'Harini' by 'sh'.

CODE:-

SELECT REPLACE('Harini', 'ni', 'sh') AS REPLACED_STRING FROM DUAL; OUTPUT:-

18. Print the length of all the department names.

CODE:-

SELECT LENGTH(Department_Name) AS DEPARTMENT_NAME_LENGTH FROM DEPT;

19. Print the system date in the format 25 th May 2007.

CODE:-

SELECT DATE_FORMAT(NOW(), '%D %M %Y');

OUTPUT:-

20. Display the date after 10 months from current date.

CODE:-

SELECT DATE ADD(NOW(), INTERVAL 10 MONTH);

OUTPUT:-

Display Convert SSN of employee to Number format and display.

21. Display the project location padded with **** on left side.

CODE:-

```
SELECT Project_Name, LPAD(Project_Location, LENGTH(Project_Location) + 4, '*')
AS PaddedLocation FROM Project;
```

22. Remove the word 'Project' from the project name and display it. CODE:-

SELECT REPLACE(Project_Name, 'Project', ") AS ModifiedProjectName FROM Project;

OUTPUT:-

23. Select the SSN of the employee whose dependent name is either Michael or Abner.

CODE:-

SELECT SSN_Number

FROM Employee

WHERE SSN_Number

IN (SELECT Employee_SSN FROM Dependent WHERE Dependent_Name IN ('Michael', 'Abner'));

OUTPUT:-
