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**Experiment 6:** Implementing Database Links

### Machine 1:

```
create table employee ( user_id varchar(10),name
varchar(10));
INSERT INTO employee values('fb1811', 'viraj');
INSERT INTO employee values('nv1112',
'prajwal');
INSERT INTO employee values('fb18', 'virat');
INSERT INTO employee values('fb11',
'veetarag');
SELECT * FROM employee
```

USER_ID	NAME
fb1811	viraj
nv1112	prajwal
fb18	virat
fb11	veetarag

### Machine 2:

1. Open sql command and grant privileges to the database

```
SQL> connect system as sysdba
Enter password:
Connected.
SQL> grant all privileges to anushkuu;
Grant succeeded.
```

2. Creating database link and connecting to the database

Create Database Link
Cancel
Previous
Next

A database link is a schema object in one database that enables you to access objects on another database. Once you have created the database link you can access the remote objects by appending @dblink to the table or view name where dblink is the name of the link you specify on this page.

Schema: **ANUSHKUU**

\* Database Link Name:

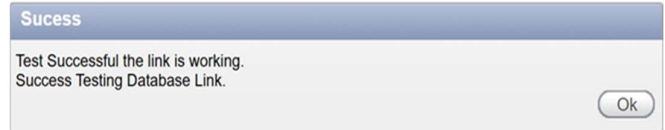
\* Connect To Schema:

\* Password:  ☒ Preserve Case

\* Remote Hostname or IP:

\* Remote Host Port:

\* SID or Service Name: ☐ Service Name ☒ SID



3. Performing queries from MACHINE 2 to MACHINE 1  
select \* from employee@anushkdemo

EMP_ID	EMP_NAME	EMP_CITY	EMP_NO
1	manu	kop	2
4	kedar	kop	4
26	bishnoi	haryana	7
2	ruvaid	athani	3
1	abc	kop	2
1	abc	kop	2
16	saad	kop	5

```
insert into employee@anushkdemo values (12,
'anushka', 'mumbai', 8);
```

**1 row(s) inserted.**

```
update employee@anushkdemo set emp_id = 99
where emp_id = 26;
```

**1 row(s) updated.**

EMP_ID	EMP_NAME	EMP_CITY	EMP_NO
1	manu	kop	2
8	nihal	kop	5
4	kedar	kop	4
99	bishnoi	haryana	7
2	ruvaid	athani	3
1	abc	kop	2
1	abc	kop	2
16	saad	kop	5
12	anushka	mumbai	8