



DBMS EXPERIMENT-21:

Create a Table Employee with fields S_No, name, Designation Branch with primary key as S_No. Create a table Workers with the same fields and make the field S_No as foreign key.

OUTPUT:

```
mysql> desc worker;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| sno   | int  | NO   | PRI | NULL    |       |
| name  | char(10) | YES |     | NULL    |       |
| daesignation | char(20) | YES |     | NULL    |       |
| branch | char(10) | YES |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> alter table employee
-> add constraint link
-> add foreign key(sno)
mysql> alter table worker
-> add constraint link
-> foreign key(sno)
-> references employee(sno);
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'ref
ernce employee(sno)' at line 4
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mysql> alter table worker
-> add constraint link
-> foreign key(sno)
-> references employee(sno);
Query OK, 0 rows affected (0.02 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> desc employee;
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| Field | Type | Null | Key | Default | Extra |
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4 rows in set (0.00 sec)

mysql>
```

```
MySQL 8.0 Command Line Client - Unicode
Enter password: *****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 29
Server version: 8.0.31 MySQL Community Server - GPL

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affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> create database employee4;
Query OK, 1 row affected (0.01 sec)

mysql> use employee4;
Database changed
mysql> create table employee(sno int(10),name char(10),daesignation char(20),branch char(10));
Query OK, 0 rows affected, 1 warning (0.03 sec)

mysql> desc employee;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| sno   | int  | YES  |     | NULL    |       |
| name  | char(10) | YES  |     | NULL    |       |
| daesignation | char(20) | YES  |     | NULL    |       |
| branch | char(10) | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.01 sec)

mysql> alter table employee
-> add primary key(sno);
Query OK, 0 rows affected (0.03 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> create a table worker like employee;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'a t
able worker like employee' at line 1
mysql> create table worker like employee;
Query OK, 0 rows affected (0.02 sec)

mysql> insert into worker from * employee;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'fro
m * employee' at line 1
mysql> insert into worker select * from employee;
Query OK, 0 rows affected (0.00 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
MySQL 8.0 Command Line Client - Unicode
+-----+-----+-----+-----+-----+-----+
| branch | char(10) | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

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