

```
mysql> create database bank;
```

```
Query OK, 1 row affected (0.00 sec)
```

```
mysql> use bank
```

```
Database changed
```

```
mysql> create table customer(fname char (10),lname char (10),address varchar (30));
```

```
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> desc customer;
```

```
+-----+-----+-----+-----+-----+-----+
| Field | Type   | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| fname | char(10) | YES  |     | NULL    |      |
| lname | char(10) | YES  |     | NULL    |      |
| address | varchar(30) | YES  |     | NULL    |      |
+-----+-----+-----+-----+-----+-----+
```

```
3 rows in set (0.01 sec)
```

```
mysql> alter table customer add pancard varchar (15) unique key;
```

```
Query OK, 0 rows affected (0.02 sec)
```

```
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> desc customer;
```

```
+-----+-----+-----+-----+-----+-----+
| Field | Type   | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| fname | char(10) | YES  |     | NULL    |      |
| lname | char(10) | YES  |     | NULL    |      |
| address | varchar(30) | YES  |     | NULL    |      |
| pancard | varchar(15) | YES  | UNI | NULL    |      |
+-----+-----+-----+-----+-----+-----+
```

```
4 rows in set (0.00 sec)
```

```
mysql> alter table customer add mname varchar (10) ;
```

```
Query OK, 0 rows affected (0.01 sec)
```

```
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> desc customer;
```

Field	Type	Null	Key	Default	Extra
fname	char(10)	YES		NULL	
lname	char(10)	YES		NULL	
address	varchar(30)	YES		NULL	
pancard	varchar(15)	YES	UNI	NULL	
mname	varchar(10)	YES		NULL	

```
5 rows in set (0.00 sec)
```

```
mysql> create table account(ac_no int,fname varchar (10),lname varchar (10),ac_type varchar (10),balance float);
```

```
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> create table branch(br_code int, bank_name varchar (30),address varchar (30));
```

```
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> desc branch
```

```
-> ;
```

Field	Type	Null	Key	Default	Extra
br_code	int	YES		NULL	
bank_name	varchar(30)	YES		NULL	
address	varchar(30)	YES		NULL	

```
3 rows in set (0.00 sec)
```

```
mysql> desc account
```

```
-> ;
```

Field	Type	Null	Key	Default	Extra
ac_no	int	YES		NULL	
fname	varchar(10)	YES		NULL	
lname	varchar(10)	YES		NULL	
ac_type	varchar(10)	YES		NULL	
balance	float	YES		NULL	

```
5 rows in set (0.00 sec)
```

```
mysql> alter table branch add IFSC_code varchar (20);
```

```
Query OK, 0 rows affected (0.01 sec)
```

```
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> desc customer
```

```
-> ;
```

Field	Type	Null	Key	Default	Extra
fname	char(10)	YES		NULL	
lname	char(10)	YES		NULL	
address	varchar(30)	YES		NULL	
pancard	varchar(15)	YES	UNI	NULL	
mname	varchar(10)	YES		NULL	

```
5 rows in set (0.00 sec)
```

```
mysql> insert into customer values('Vaibhav','Dobe','Jalgaon Jamod','ASDFG1234F','S');
```

```
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into customer values('Om','Jadhav','Pune','QWERT1234H','X');
```

```
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into account values(1234123412,'Vaibhav','Dobe','Saving',10000);
```

```
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into account values(1234222222,'Om','Jadhav','Current',5000);
```

```
Query OK, 1 row affected (0.00 sec)
```

```
mysql> desc branch;
```

```
+-----+-----+-----+-----+-----+
| Field | Type   | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| br_code | int    | YES  |     | NULL    |       |
| bank_name | varchar(30) | YES  |     | NULL    |       |
| address  | varchar(30) | YES  |     | NULL    |       |
| IFSC_code | varchar(20) | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+
```

```
4 rows in set (0.00 sec)
```

```
mysql> insert into branch values(1234,'SBI','Pune','SBIN0001052');
```

```
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into branch values(1124,'SBI','Jalgaon Jamod','SBIN0003519');
```

```
Query OK, 1 row affected (0.00 sec)
```

```
mysql> select * from branch;
```

```
+-----+-----+-----+-----+
| br_code | bank_name | address  | IFSC_code |
+-----+-----+-----+-----+
| 1234 | SBI | Pune | SBIN0001052 |
| 1124 | SBI | Jalgaon Jamod | SBIN0003519 |
```

```
+-----+-----+-----+-----+
```

2 rows in set (0.00 sec)

```
mysql> select * from customer;
```

```
+-----+-----+-----+-----+-----+
```

```
| fname | lname | address | pancard | mname |
```

```
+-----+-----+-----+-----+-----+
```

```
| Vaibhav | Dobe | Jalgaon Jamod | ASDFG1234F | S |
```

```
| Om | Jadhav | Pune | QWERT1234H | X |
```

```
+-----+-----+-----+-----+-----+
```

2 rows in set (0.00 sec)

```
mysql> select * from account;
```

```
+-----+-----+-----+-----+-----+
```

```
| ac_no | fname | lname | ac_type | balance |
```

```
+-----+-----+-----+-----+-----+
```

```
| 1234123412 | Vaibhav | Dobe | Saving | 10000 |
```

```
| 1234222222 | Om | Jadhav | Current | 5000 |
```

```
+-----+-----+-----+-----+-----+
```

2 rows in set (0.00 sec)

```
mysql> alter table customer modify column fname varchar (10);
```

Query OK, 2 rows affected (0.02 sec)

Records: 2 Duplicates: 0 Warnings: 0

```
mysql> alter table customer modify column address varchar(20) default 'XYZ';
```

Query OK, 2 rows affected (0.04 sec)

Records: 2 Duplicates: 0 Warnings: 0

```
mysql> desc customer
```

```
-> ;
```

```
+-----+-----+-----+-----+-----+
```

```
| Field | Type | Null | Key | Default | Extra |
```

```

+-----+-----+-----+-----+-----+
| fname | varchar(10) | YES | | NULL | | |
| lname | char(10) | YES | | NULL | | |
| address | varchar(20) | YES | | XYZ | | |
| pancard | varchar(15) | YES | UNI | NULL | | |
| mname | varchar(10) | YES | | NULL | | |
+-----+-----+-----+-----+-----+

```

5 rows in set (0.00 sec)

mysql> select \* from customer;

```

+-----+-----+-----+-----+-----+
| fname | lname | address | pancard | mname |
+-----+-----+-----+-----+-----+
| Vaibhav | Dobe | Jalgaon Jamod | ASDFG1234F | S |
| Om | Jadhav | Pune | QWERT1234H | X |
+-----+-----+-----+-----+-----+

```

2 rows in set (0.00 sec)

mysql> insert into customer (fname,lname,pancard,mname)values('AAA','XXX','QEWYT2341g','DDD');  
Query OK, 1 row affected (0.00 sec)

mysql> select \* from customer;

```

+-----+-----+-----+-----+-----+
| fname | lname | address | pancard | mname |
+-----+-----+-----+-----+-----+
| Vaibhav | Dobe | Jalgaon Jamod | ASDFG1234F | S |
| Om | Jadhav | Pune | QWERT1234H | X |
| AAA | XXX | XYZ | QEWYT2341g | DDD |
+-----+-----+-----+-----+-----+

```

3 rows in set (0.00 sec)