

Create Table:

```
28 --Daily Task
29 CREATE table Customer(CustomerID varchar(20),FirstName VARCHAR(10),MiddleName VARCHAR(20),
30 CustomerContactNo VARCHAR(10),CustomerCity VARCHAR(10),CustomerDOB DATE);
31
32 DESC Customer;
33
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

| Field | Type | Null | Key | Default | Extra |
|-------------------|-------------|------|-----|---------|-------|
| CustomerID | varchar(20) | YES | | NULL | |
| FirstName | varchar(10) | YES | | NULL | |
| MiddleName | varchar(20) | YES | | NULL | |
| CustomerContactNo | varchar(10) | YES | | NULL | |
| CustomerCity | varchar(10) | YES | | NULL | |

Result 25 x Read Only

Add LastName column:

```
33
34 Alter table Customer add column LastName VARCHAR(20)
35
36 DESC Customer;
37
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

| Field | Type | Null | Key | Default | Extra |
|-------------------|-------------|------|-----|---------|-------|
| CustomerID | varchar(20) | YES | | NULL | |
| FirstName | varchar(10) | YES | | NULL | |
| MiddleName | varchar(20) | YES | | NULL | |
| CustomerContactNo | varchar(10) | YES | | NULL | |
| CustomerCity | varchar(10) | YES | | NULL | |
| CustomerDOB | date | YES | | NULL | |
| LastName | varchar(20) | YES | | NULL | |

Result 26 x

Modify ColumnSize of FirstName to 30:

```
36 • ALTER TABLE Customer MODIFY FirstName VARCHAR(30);
37
38 • DESC Customer;
```

< Filter Rows: Export: Wrap Cell Content:

| | Field | Type | Null | Key | Default | Extra |
|---|-------------------|-------------|------|-----|---------|-------|
| ▶ | CustomerID | varchar(20) | YES | | NULL | |
| | FirstName | varchar(30) | YES | | NULL | |
| | MiddleName | varchar(20) | YES | | NULL | |
| | CustomerContactNo | varchar(10) | YES | | NULL | |
| | CustomerCity | varchar(10) | YES | | NULL | |
| | CustomerDOB | date | YES | | NULL | |
| | LastName | varchar(20) | YES | | NULL | |

Drop the middle name:

```
38 • ALTER table Customer drop Column MiddleName
39
40 ✖ DESC Customer;
```

< Filter Rows: Export: Wrap Cell Content:

| | Field | Type | Null | Key | Default | Extra |
|---|-------------------|-------------|------|-----|---------|-------|
| ▶ | CustomerID | varchar(20) | YES | | NULL | |
| | FirstName | varchar(30) | YES | | NULL | |
| | CustomerContactNo | varchar(10) | YES | | NULL | |
| | CustomerCity | varchar(10) | YES | | NULL | |
| | CustomerDOB | date | YES | | NULL | |
| | LastName | varchar(20) | YES | | NULL | |

Insert Some Queries:

```

42 • INSERT INTO Customer values ('18','Surya','4567890','Pollachi','2004-05-06','Prakash'),
43                                ('19','Karthi','456789078','Coimbatore','2004-11-06','K');
44
45 • select * from Customer;

```

| CustomerID | FirstName | CustomerContactNo | CustomerCity | CustomerDOB | LastName |
|------------|-----------|-------------------|--------------|-------------|----------|
| 18 | Surya | 4567890 | Pollachi | 2004-05-06 | Prakash |
| 19 | Karthi | 456789078 | Coimbatore | 2004-11-06 | K |

Create Second Table:

```

46
47 • CREATE table Account(AccountNumber varchar(20),customer_number VARCHAR(20),branch_id VARCHAR(10),
48 OpeningBalance double,account_type VARCHAR(10),account_status VARCHAR(10));
49
50 • desc Account;

```

| Field | Type | Null | Key | Default | Extra |
|-----------------|-------------|------|-----|---------|-------|
| AccountNumber | varchar(20) | YES | | NULL | |
| customer_number | varchar(20) | YES | | NULL | |
| branch_id | varchar(10) | YES | | NULL | |
| OpeningBalance | double | YES | | NULL | |
| account_type | varchar(10) | YES | | NULL | |
| account_status | varchar(10) | YES | | NULL | |

Insert Rows To Second Table:

```

52
53 • INSERT INTO Account values ('180','18','chennai','2004','savings','Active'),
54                                ('181','19','Pollachi','20654','Current','Active');
55
56 • select * from Account;

```



| AccountNumber | customer_number | Branch | OpeningBalance | account_type | account_status |
|---------------|-----------------|----------|----------------|--------------|----------------|
| 180 | 18 | chennai | 2004 | savings | Active |
| 181 | 19 | Pollachi | 20654 | Current | Active |

Customer From Chennai:

55

56 • `select * from Account WHERE Branch = 'Chennai';`

57



| | | | | | | |
|--|---------------|-----------------|---------|----------------|--------------|----------------|
| < | | | | | | |
| Result Grid | | | | | | |
| Filter Rows: <input type="text"/> | | | | | | |
| Export:  | | | | | | |
| Wrap Cell Content:  | | | | | | |
| | AccountNumber | customer_number | Branch | OpeningBalance | account_type | account_status |
| ▶ | 180 | 18 | chennai | 2004 | savings | Active |

Opening Balacnce Between 5000 and 10000:

57

58 • `select Customer_number from Account WHERE OpeningBalance BETWEEN 5000 AND 500000`

59

| | |
|---|-----------------|
| < | |
| Result Grid | |
| Filter Rows: <input type="text"/> | |
| Export:  | |
| Wrap Cell Content:  | |
| | Customer_number |
| ▶ | 19 |

Select CustomerId,FirstName,LastName,DOB:

```
60 • select CustomerID,FirstName,CustomerDOB from Customer;
```

```
61
```

```
62
```

```
63
```

```
64
```

<

Result Grid



Filter Rows:

Export:



Wrap Cell Content:



| | CustomerID | FirstName | CustomerDOB |
|---|------------|-----------|-------------|
| ▶ | 18 | Surya | 2004-05-06 |
| | 19 | Karthi | 2004-11-06 |