

~vsC019.sql - DESKTOP-AELDBHN.master (DESKTOP-AELDBHN\Gursharan Singh (59))\* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

New Query MDX DMV XML DAX Execute

master

Object Explorer

Connect DESKTOP-AELDBHN (SQL Server 15.0.2080) Databases Security Server Objects Replication PolyBase Always On High Availability Management Integration Services Catalogs SQL Server Agent (Agent XPs disabled) XEvent Profiler

select \* from emp;  
select \* from emp\_demo;

100 % Results Messages

	EMPNO	ENAME	JOB	HIREDATE	MGR	SAL	COMM	DEPTNO
1	103	5Phoebe	CabsDept	2016-04-21	101	4500	NULL	25
2	101	Monica	Administrator,manager	2008-07-21	NULL	5000	NULL	10
3	102	Joey	test,report,lead	2016-12-06	106	3500.69	1000	20
4	104	pPhoebe	Cabs dept	2019-01-18	102	3000	0	D
5	102	Joey	test,report,lead	2016-12-06	106	3500.69	1000	20
6	105	+rachel	waiter	2014-02-14	101	4200.192	600	10

  

	EMPNO	ENAME	JOB	HIREDATE	MGR	SAL	DEPTNO
1	101	Chandler	developer	2014-05-01	200	4000	10
2	101	Monica	Administrator	2008-07-21	200	5000	30
3	200	Gunther	-	NULL	NULL	NULL	NULL
4	101	Monica	Administrator,manager	2008-07-21	200	5000	30
5	104	Phoebe	Cabs dept	2019-01-18	102	3000	0
6	200	Gunther	www.facebook.com	NULL	NULL	NULL	NULL
7	202	kitty	www.facebook.net	NULL	NULL	NULL	NULL
8	203	doggy	www.facebook.org	NULL	NULL	NULL	NULL
9	204	horsey	www.facebook.in	NULL	NULL	NULL	NULL

Query executed successfully.

DESKTOP-AELDBHN (15.0 RTM) DESKTOP-AELDBHN\Gursha... master 00:00:00 15 rows

Ready

Ln 35 Col 1 Ch 1 INS

Type here to search

10:55 PM 01-03-2021 ENG 4

~vsC019.sql - DESKTOP-AELDBHN.master (DESKTOP-AELDBHN\Gursharan Singh (59))\* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

New Query MDX DMV XML DAX Execute

master

Object Explorer

Connect DESKTOP-AELDBHN (SQL Server 15.0.2080) Databases Security Server Objects Replication PolyBase Always On High Availability Management Integration Services Catalogs SQL Server Agent (Agent XPs disabled) XEvent Profiler

select \* from emp;  
select \* from emp\_demo;  
select \* from policy1;

100 % Results Messages

	poli	poltype	docname	submitted	docid	empno
1	2	hospitalcover	Doc A	0	1	100
2	2	hospitalcover	Doc B	0	4	102
3	2	hospitalcover	Doc C	1	5	103
4	2	hospitalcover	Doc D	1	7	104
5	2	hospitalcover	Doc E	1	10	105

Query executed successfully.

DESKTOP-AELDBHN (15.0 RTM) DESKTOP-AELDBHN\Gursha... master 00:00:00 5 rows

Ready

Ln 38 Col 1 Ch 1 INS

Type here to search

11:07 PM 01-03-2021 ENG 4

New Microsoft Excel Worksheet - Excel

Gursharan Singh GS

File Home Insert Page Layout Formulas Data Review View Help Tell me what you want to do

Cut Copy Format Painter

Font Alignment Number Styles Cells Editing

Clipboard

Calibri 11 A A Wrap Text General Conditional Format as Table Normal Bad Good Neutral AutoSum Fill Clear Sort & Filter Select

C30

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
1	EMPNO	ENAME	JOB	HIREDATE	MGR	SAL	COMM	DEPTNO															
2	101	Monica	Administra	2008-07-21		5000	0	10															
3	102	Joey	test,report	2016-12-0	106	3500.6900	1000	20															
4	104	Phoebe	Cabs dept	2019-01-1	102	3000	0	D															
5	102	Joey	test,report	2016-12-0	106	3500.6900	1000	20															
6	105	rachel	waiter	2014-02-1	101	4200.192	600	10															
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Sheet1 Emp emp\_demo \_emp1 \_emp2 policy +

Type here to search

01:07 PM 02-03-2021 ENG 4

SQLQuery1.sql - DESKTOP-AELDBHN.master (DESKTOP-AELDBHN\Gursharan Singh (51))\* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

New Query MDX DMV XML DAX

master Execute

Object Explorer

Connect DESKTOP-AELDBHN (SQL Server 15.0.2080)

- Databases
- Security
- Server Objects
- Replication
- PolyBase
- Always On High Availability
- Management
- Integration Services Catalogs
- SQL Server Agent (Agent XPs disabled)
- XEvent Profiler

SQLQuery1.sql - DESKTOP-AELDBHN\Gursharan Singh (51)\*

```
select count(comm) as count_zeros from emp where comm=0; --Count numbers of zeros per column  
select emp.empno,policy1.poli from emp inner join policy1 on emp.empno=policy1.empno; --How to separate join table
```

100 %

Results Messages

	count_zeros
1	1

  

	empno	poli
1	103	2
2	102	2
3	104	2
4	102	2
5	105	2

Query executed successfully.

DESKTOP-AELDBHN (15.0 RTM) DESKTOP-AELDBHN\Gursha... master 00:00:01 6 rows

Ready

Ln 63 Col 1 Ch 1 INS

Type here to search

01:23 PM 02-03-2021 ENG

SQLQuery1.sql - DESKTOP-AELDBHN.master (DESKTOP-AELDBHN\Gursharan Singh (51))\* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

New Query MDX DMV XMA DAX

master Execute

Object Explorer

Connect DESKTOP-AELDBHN (SQL Server 15.0.2080) Databases Security Server Objects Replication PolyBase Always On High Availability Management Integration Services Catalogs SQL Server Agent (Agent XPs disabled) XEvent Profiler

SQLQuery1.sql - DESKTOP-AELDBHN\Gursharan Singh (51)\*

```
select count(*) as Single_Digit from emp where comm like '_'
select count(*) as Double_Digit from emp where comm like '__'
select count(*) as Three_Digit from emp where comm like '___';
--Count of single,double and three digits numbers

select count(*)-count(mgr) as Nullvalues from emp;--Null values in a column
select count(*) as Nullvalues from emp where mgr is null; --Another waay of finding null values in a column
```

Results Messages

	Single_Digit
1	1

	Double_Digit
1	0

	Three_Digit
1	1

	Nullvalues
1	1

	Nullvalues
1	1

Query executed successfully.

DESKTOP-AELDBHN (15.0 RTM) DESKTOP-AELDBHN\Gursha... master 00:00:00 5 rows

Ready

Ln 67 Col 1 Ch 1 INS

Type here to search

01:29 PM 02-03-2021 ENG

SQLQuery1.sql - DESKTOP-AELDBHN.master (DESKTOP-AELDBHN\Gursharan Singh (51))\* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

New Query MDX DMX XMA DAX

master Execute

Object Explorer

Connect DESKTOP-AELDBHN (SQL Server 15.0.2080)

- Databases
- Security
- Server Objects
- Replication
- PolyBase
- Always On High Availability
- Management
- Integration Services Catalogs
- SQL Server Agent (Agent XPs disabled)
- XEvent Profiler

SQLQuery1.sql - DE...rsharan Singh (51)\*

```
select empno, count(*) as occurrence from emp group by empno having count(empno)>1; --Duplicate data in a column

select count(*) as decimal_count from emp where sal like '%.%'; --Count of numbers with decimal places

select count(*) as no_decimal from emp where sal not like '%.%'; --Count of numbers without decimal place
```

100 %

Results Messages

empno	occurrence
102	2

  

decimal_count
3

  

no_decimal
3

Query executed successfully.

DESKTOP-AELDBHN (15.0 RTM) DESKTOP-AELDBHN\Gursha... master 00:00:00 3 rows

Ready

Ln 76 Col 1 Ch 1 INS

Type here to search

01:41 PM 02-03-2021 ENG

SQLQuery1.sql - DESKTOP-AELDBHN.master (DESKTOP-AELDBHN\Gursharan Singh (51))\* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

New Query MDX DMV XML DAX Execute

master

Object Explorer

Connect DESKTOP-AELDBHN (SQL Server 15.0.2080) Databases Security Server Objects Replication PolyBase Always On High Availability Management Integration Services Catalogs SQL Server Agent (Agent XPs disabled) XEvent Profiler

SQLQuery1.sql - DESKTOP-AELDBHN\Gursharan Singh (51)\*

```
select count(*) as single_decimal from emp where sal like '%.1'; --Count of numbers with single decimal place
select count(*) as two_decimal from emp where sal like '%.11'; --Count of numbers with two decimal place
select count(*) as three_decimal from emp where sal like '%.111'; --Count of numbers with three decimal place

select count(*)-sum(ISNUMERIC(deptno)) as non_numeric from emp; --Non numeric value in a column
```

100 % Results Messages

	single_decimal
1	0

  

	two_decimal
1	3

  

	three_decimal
1	0

  

	non_numeric
1	1

Query executed successfully.

DESKTOP-AELDBHN (15.0 RTM) DESKTOP-AELDBHN\Gursha... master 00:00:00 4 rows

Ready

Ln 83 Col 1 Ch 1 INS

Type here to search

01:49 PM 02-03-2021 ENG

SQLQuery1.sql - DESKTOP-AELDBHN.master (DESKTOP-AELDBHN\Gursharan Singh (51))\* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

New Query MDX DMV XML DAX Execute

master

Object Explorer

Connect DESKTOP-AELDBHN (SQL Server 15.0.2080) Databases Security Server Objects Replication PolyBase Always On High Availability Management Integration Services Catalogs SQL Server Agent (Agent XPs disabled) XEvent Profiler

SQLQuery1.sql - DESKTOP-AELDBHN\Gursharan Singh (51)\*

```
Alter table emp_demo drop column Mgr; --how to delete one column data
alter table emp_demo drop column Mgr; /*Deleting Column*/
delete from emp_demo where empno=104; /*Deleting Row*/
--How to delete one column and one row
```

100 % Messages  
(1 row affected)  
Completion time: 2021-03-02T13:55:16.8586398+05:30

100 % Query executed successfully.

DESKTOP-AELDBHN (15.0 RTM) DESKTOP-AELDBHN\Gursha... master 00:00:01 0 rows

Ready

Type here to search

Ln 95 Col 1 Ch 1 INS

01:55 PM 02-03-2021 ENG 5

SQLQuery1.sql - DESKTOP-AELDBHN.master (DESKTOP-AELDBHN\Gursharan Singh (51))\* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

New Query MDX DMV XMA DAX Execute

master

Object Explorer

Connect DESKTOP-AELDBHN (SQL Server 15.0.2080) Databases Security Server Objects Replication PolyBase Always On High Availability Management Integration Services Catalogs SQL Server Agent (Agent XPs disabled) XEvent Profiler

SQLQuery1.sql - DE...rsharan Singh (51)\*

```
select * from emp inner join policy1 on emp.empno=policy1.empno; --How to join two tables side by side in Mysql  
select * into emppp from emp where 1=2; --how to create duplicate schema in all tables and data  
select * from emppp;  
  
create table newtable(id int,name varchar(255),age int); --How to create an empty Table  
select * from newtable;
```

100 % Results Messages

	EMPNO	ENAME	JOB	HIREDATE	MGR	SAL	COMM	DEPTNO	poli	poltype	docname	submitted	docid	empno
1	103	5Phoebe	CabsDept	2016-04-21	101	4500	NULL	25	2	hospitalcover	Doc C	1	5	103
2	102	Joey	test.report,lead	2016-12-06	106	3500.69	1000	20	2	hospitalcover	Doc B	0	4	102
3	104	pPhoebe	Cabs dept	2019-01-18	102	3000	0	D	2	hospitalcover	Doc D	1	7	104
4	102	Joey	test.report,lead	2016-12-06	106	3500.69	1000	20	2	hospitalcover	Doc B	0	4	102
5	105	+rachel	waiter	2014-02-14	101	4200.192	600	10	2	hospitalcover	Doc E	1	10	105

EMPNO ENAME JOB HIREDATE MGR SAL COMM DEPTNO

id name age

Query executed successfully.

DESKTOP-AELDBHN (15.0 RTM) DESKTOP-AELDBHN\Gursha... master 00:00:00 5 rows

Ready

Ln 99 Col 1 Ch 1 INS

Type here to search

02:22 PM 02-03-2021 ENG

SQLQuery1.sql - DESKTOP-AELDBHN.master (DESKTOP-AELDBHN\Gursharan Singh (51))\* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

New Query MDX DMV XML DAX Execute

master

Object Explorer

Connect DESKTOP-AELDBHN (SQL Server 15.0.2080) Databases Security Server Objects Replication PolyBase Always On High Availability Management Integration Services Catalogs SQL Server Agent (Agent XPs disabled) XEvent Profiler

SQLQuery1.sql - DE...rsharan Singh (51)\*

```
select * from emp inner join policy1 on emp.empno=policy1.empno; --How to combine two tables side by side in Mysql  
select ename as Employee_name from emp where empno=101; --How to write a query to identify a name based on Id in Mysql  
select empno as Employee_id from emp where ename='Monica'; --How to write a query to identify a Id based upon Name in Mysql
```

100 % Results Messages

	EMPNO	ENAME	JOB	HIREDATE	MGR	SAL	COMM	DEPTNO	poli	poltype	docname	submitted	docid	empno
1	103	5Phoebe	CabsDept	2016-04-21	101	4500	NULL	25	2	hospitalcover	Doc C	1	5	103
2	102	Joey	test.report,lead	2016-12-06	106	3500.69	1000	20	2	hospitalcover	Doc B	0	4	102
3	104	pPhoebe	Cabs dept	2019-01-18	102	3000	0	D	2	hospitalcover	Doc D	1	7	104
4	102	Joey	test.report,lead	2016-12-06	106	3500.69	1000	20	2	hospitalcover	Doc B	0	4	102
5	105	+rachel	waiter	2014-02-14	101	4200.192	600	10	2	hospitalcover	Doc E	1	10	105

Employee\_name

1	Monica
---	--------

Employee\_id

1	101
---	-----

Query executed successfully.

DESKTOP-AELDBHN (15.0 RTM) DESKTOP-AELDBHN\Gursha... master 00:00:00 7 rows

Ready

Ln 107 Col 1 Ch 1 INS

Type here to search

02:25 PM 02-03-2021 ENG

SQLQuery1.sql - DESKTOP-AELDBHN.master (DESKTOP-AELDBHN\Gursharan Singh (51))\* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

New Query MDX DML XMLE DAX

master Execute

Object Explorer

Connect DESKTOP-AELDBHN (SQL Server 15.0.2080)

- Databases
- Security
- Server Objects
- Replication
- PolyBase
- Always On High Availability
- Management
- Integration Services Catalogs
- SQL Server Agent (Agent XPs disabled)
- XEvent Profiler

SQLQuery1.sql - DE...rsharan Singh (51)\*

```
create table autogen(Eid int not null identity(1,1), Ename varchar(255), Age int); --Here Eid is auto generated for every new record Incremented by 1.  
insert into autogen values('Joey',25);  
select * from autogen;  
  
update emp_demo set sal=2200 where empno=202; --How to insert a value in Null columns  
select * from emp_demo;
```

100 %

Results Messages

Eid	Ename	Age
1	Saheb	22
2	Chandler	30
3	Rachel	22
4	Rachel	22
5	Joey	25

  

EMPNO	ENAME	JOB	HIREDATE	SAL
1	200	Gunther	-	NULL NULL
2	200	Gunther	www.facebook.com	NULL NULL
3	202	kitty	www.facebook.net	NULL 2200
4	203	doggy	www.facebook.org	NULL NULL
5	204	horsy	www.facebook.in	NULL NULL

< > Query executed successfully.

DESKTOP-AELDBHN (15.0 RTM) DESKTOP-AELDBHN\Gursha... master 00:00:00 10 rows

Ready

Ln 114 Col 1 Ch 1 INS

Type here to search

02:34 PM 02-03-2021 ENG 5

SQLQuery1.sql - DESKTOP-AELDBHN.master (DESKTOP-AELDBHN\Gursharan Singh (51))\* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

New Query MDX DMV XMA DAX Execute

master

Object Explorer

Connect DESKTOP-AELDBHN (SQL Server 15.0.2080) Databases Security Server Objects Replication PolyBase Always On High Availability Management Integration Services Catalogs SQL Server Agent (Agent XPs disabled) XEvent Profiler

SQLQuery1.sql - DESKTOP-AELDBHN\Gursharan Singh (51)\*

```
select count(ename) as column_count from emp; --find the count of values in column
select count(*) as empty_values from emp where comm=0 or comm is NULL; --count of empty values in column
select empno,mgr,comm from emp where mgr is null and comm is NULL; --how to select two empty column fields in mysql table
select * from emp;
```

100 % Results Messages

	column_count
1	6

	empty_values
1	3

	empno	mgr	comm
1	101	NULL	NULL

	EMPNO	ENAME	JOB	HIREDATE	MGR	SAL	COMM	DEPTNO
1	103	Phoebe	CabsDept	2016-04-21	101	4500	NULL	25
2	101	Monica	Administrator,manager	2008-07-21	NULL	5000	NULL	10
3	102	Joey	test,report,lead	2016-12-06	106	3500.69	1000	20
4	104	pPhoebe	Cabs dept	2019-01-18	102	3000	0	D
5	102	Joey	test,report,lead	2016-12-06	106	3500.69	1000	20
6	105	+rachel	waiter	2014-02-14	101	4200....	600	10

Query executed successfully.

DESKTOP-AELDBHN (15.0 RTM) DESKTOP-AELDBHN\Gursha... master 00:00:00 9 rows

Ready

Type here to search

Ln 121 Col 1 Ch 1 INS

02:55 PM 02-03-2021 ENG 5

SQLQuery1.sql - DESKTOP-AELDBHN.master (DESKTOP-AELDBHN\Gursharan Singh (51))\* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

New Query MDX DMV XMA DAX

master Execute

Object Explorer

Connect DESKTOP-AELDBHN (SQL Server 15.0.2080) Databases Security Server Objects Replication PolyBase Always On High Availability Management Integration Services Catalogs SQL Server Agent (Agent XPs disabled) XEvent Profiler

SQLQuery1.sql - DE...rsharan Singh (51)\*

```
select * from emp order by EMPNO asc; --how to get id columns in asc in mysql table
select * from sys.objects where create_date >= GETDATE()-1; --how to get today's data what I import in mysql
```

100 % Results Messages

	EMPNO	ENAME	JOB	HIREDATE	MGR	SAL	COMM	DEPTNO
1	101	Monica	Administrator,manager	2008-07-21	NULL	5000	NULL	10
2	102	Joey	test,report,lead	2016-12-06	106	3500.69	1000	20
3	102	Joey	test,report,lead	2016-12-06	106	3500.69	1000	20
4	103	5Phoebe	CabsDept	2016-04-21	101	4500	NULL	25
5	104	pPhoebe	Cabs dept	2019-01-18	102	3000	0	D
6	105	+rachel	waiter	2014-02-14	101	4200.192	600	10

  

	name	object_id	principal_id	schema_id	parent_object_id	type	type_desc	create_date	modify_date	is_ms_shipped	is_published	is_schema_published
1	emppp	1703677117	NULL	1	0	U	USER_TABLE	2021-03-02 14:22:09.043	2021-03-02 14:22:09.043	0	0	0
2	newtable	1719677174	NULL	1	0	U	USER_TABLE	2021-03-02 14:22:09.143	2021-03-02 14:22:09.143	0	0	0

Query executed successfully.

DESKTOP-AELDBHN (15.0 RTM) DESKTOP-AELDBHN\Gursha... master 00:00:00 8 rows

Ready Ln 128 Col 1 Ch 1 INS

Type here to search

03:03 PM 02-03-2021 ENG

SQLQuery2.sql - DESKTOP-AELDBHN.saheb (DESKTOP-AELDBHN\Gursharan Singh (59))\* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

New Query MDX DMX XML DAX Execute

saheb

Object Explorer

Connect DESKTOP-AELDBHN (SQL Server 1)

- Databases
  - System Databases
  - Database Snapshots
  - saheb
- Security
- Server Objects
- Replication
- PolyBase
- Always On High Availability
- Management
- Integration Services Catalogs
- SQL Server Agent (Agent XPs disabled)
- XEvent Profiler

SQLQuery2.sql - DE...rsharan Singh (59)\* SQLQuery1.sql - DE...rsharan Singh (51)\*

```
create table Tab1(Ename varchar(255) check (Ename like '[ABCDEFHJKLNMOPQRSTUVWXYZ%]' or Ename like '[0-9%]')) --First letter should be capital or numeric in the column
insert into Tab1 values('Saheb');
insert into Tab1 values('harry');
insert into Tab1 values(8019219238);
select * from Tab1;
```

Results

Ename
1 Saheb
2 8019219238

Messages

Query executed successfully.

DESKTOP-AELDBHN (15.0 RTM) | DESKTOP-AELDBHN\Gursha... | saheb | 00:00:00 | 2 rows

Ready

Ln 25 Col 1 Ch 1 INS

Type here to search

03:41 PM 02-03-2021 ENG

SQLQuery2.sql - DESKTOP-AELDBHN.saheb (DESKTOP-AELDBHN\Gursharan Singh (59))\* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

New Query MDX DMX XML DAX Execute

saheb

Object Explorer

Connect DESKTOP-AELDBHN (SQL Server 15.0.2000.5) Databases System Databases Database Snapshots saheb Security Server Objects Replication PolyBase Always On High Availability Management Integration Services Catalogs SQL Server Agent (Agent XPs disabled) XEvent Profiler

SQLQuery2.sql - DE...rshan Singh (59)\* SQLQuery1.sql - DE...rshan Singh (51)\*

```
create table Tab(Ename Varchar(255) check(Ename like '[ABCDEFGHIJKLMNPQRSTUVWXYZ]%' )); --Field value should be Capital letter
insert into Tab values('Saheb');
insert into Tab values('harry');

select * from Tab;
```

Results

Ename
1 Saheb
2 Saheb

Query executed successfully.

DESKTOP-AELDBHN (15.0 RTM) DESKTOP-AELDBHN\Gursha... saheb 00:00:00 2 rows

Ready

Ln 7 Col 1 Ch 1 INS

Type here to search

03:54 PM 02-03-2021

SQLQuery2.sql - DESKTOP-AELDBHN.saheb (DESKTOP-AELDBHN\Gursharan Singh (59))\* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

New Query MDX DMX XMA DAX

saheb Execute

Object Explorer

Connect DESKTOP-AELDBHN (SQL Server)

- Databases
  - System Databases
  - Database Snapshots
  - saheb
- Security
- Server Objects
- Replication
- PolyBase
- Always On High Availability
- Management
- Integration Services Catalogs
- SQL Server Agent (Agent XPs)
- XEvent Profiler

SQLQuery2.sql - DE...rsharan Singh (59)\* SQLQuery1.sql - DE...rsharan Singh (51)\*

```
create table Tab1(Ename varchar(255) check (Ename like '[ABCDEFGHIJKLMNPQRSTUVWXYZ]%' or Ename like '[0-9]%')); --First letter should be capital or numeric in the column
insert into Tab1 values('Saheb');
insert into Tab1 values('harry');
insert into Tab1 values(8019219238);
select * from Tab1;
```

Results

Ename
1 Saheb
2 8019219238

Query executed successfully.

DESKTOP-AELDBHN (15.0 RTM) | DESKTOP-AELDBHN\Gursha... | saheb | 00:00:00 | 2 rows

Ready

Ln 24 Col 20 Ch 20 INS

Type here to search

03:55 PM 02-03-2021

SQLQuery2.sql - DESKTOP-AELDBHN.saheb (DESKTOP-AELDBHN\Gursharan Singh (59))\* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

New Query MDX DMX XMLE DAX

saheb Execute

Object Explorer

Connect DESKTOP-AELDBHN (SQL Server)

- Databases
  - System Databases
  - Database Snapshots
  - saheb
- Security
- Server Objects
- Replication
- PolyBase
- Always On High Availability
- Management
- Integration Services Catalogs
- SQL Server Agent (Agent XPs)
- XEvent Profiler

SQLQuery2.sql - DE...rsharan Singh (59)\* SQLQuery1.sql - DE...rsharan Singh (51)\*

```
create table Tab2(Ename varchar(255) check (len(Ename)>=8 and len(Ename)<=16)); --In a column It should contain minimum 8 digits and maximum 16 digits maximum
insert into Tab2 values('Saheb Singh'); --value greater than 8 letters and lesser than 16 letters
insert into Tab2 values('harry'); --value lesser than 8 letters
insert into Tab2 values('Gursharan Singh Saheb'); --value greater than 16 letters
select * from Tab2;
```

100 %

Results Messages

Ename
Saheb Singh

Query executed successfully.

DESKTOP-AELDBHN (15.0 RTM) | DESKTOP-AELDBHN\Gursha... | saheb | 00:00:00 | 1 rows

Ready

Ln 17 Col 20 Ch 20 INS

Type here to search

04:00 PM 02-03-2021

SQLQuery2.sql - DESKTOP-AELDBHN.saheb (DESKTOP-AELDBHN\Gursharan Singh (59))\* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

New Query MDX DMX XMLE DAX Execute

saheb

Object Explorer

Connect DESKTOP-AELDBHN (SQL Server) Databases System Databases Database Snapshots saheb Security Server Objects Replication PolyBase Always On High Availability Management Integration Services Catalogs SQL Server Agent (Agent XPs) XEvent Profiler

SQLQuery2.sql - DE...rsharan Singh (59)\* SQLQuery1.sql - DE...rsharan Singh (51)\*

```
create table Tab3(PhoneNo varchar(255) check (PhoneNo like '+%' or PhoneNo like '[0-9]%')); --First character should be '+' or numeric
insert into Tab3 values(+918019219238);
insert into Tab3 values(8019219238);
insert into Tab3 values('deisncsi');
select * from Tab3;
```

100 %

Results Messages

PhoneNo
1 918019219238
2 8019219238

Query executed successfully.

DESKTOP-AELDBHN (15.0 RTM) DESKTOP-AELDBHN\Gursha... saheb 00:00:00 2 rows

Ready

Ln 24 Col 20 Ch 20 INS

Type here to search

04:04 PM 02-03-2021

SQLQuery2.sql - DESKTOP-AELDBHN.saheb (DESKTOP-AELDBHN\Gursharan Singh (59))\* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

New Query MDX DMX XML DAX Execute

saheb

Object Explorer

Connect DESKTOP-AELDBHN (SQL Server) Databases System Databases Database Snapshots saheb Security Server Objects Replication PolyBase Always On High Availability Management Integration Services Catalogs SQL Server Agent (Agent XPs) XEvent Profiler

SQLQuery2.sql - DE...rshan Singh (59)\* SQLQuery1.sql - DE...rshan Singh (51)\*

```
create table Tab4(Nickname varchar(255) check(Nickname='-')); --In a column it should only contains a special character "-"
insert into Tab4 values('Saheb');
insert into Tab4 values('-');
select * from Tab4;
```

Results Messages

Nickname
-

Query executed successfully.

DESKTOP-AELDBHN (15.0 RTM) DESKTOP-AELDBHN\Gursha... saheb 00:00:00 1 rows

Ready

Ln 30 Col 20 Ch 20 INS

Type here to search

04:15 PM 02-03-2021 ENG

SQLQuery2.sql - DESKTOP-AELDBHN.saheb (DESKTOP-AELDBHN\Gursharan Singh (59))\* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

New Query MDX DMX XML DAX Execute

saheb

Object Explorer

Connect DESKTOP-AELDBHN (SQL Server) Databases System Databases Database Snapshots saheb Security Server Objects Replication PolyBase Always On High Availability Management Integration Services Catalogs SQL Server Agent (Agent XPs) XEvent Profiler

SQLQuery2.sql - DE...rshan Singh (59)\* SQLQuery1.sql - DE...rshan Singh (51)\*

```
create table Tab4(Nickname varchar(255) check(Nickname='-')); --In a column it should only contains a special character "-"
insert into Tab4 values('Saheb');
insert into Tab4 values('-');
select * from Tab4;
```

100 %

Results Messages

Nickname
-

Query executed successfully.

DESKTOP-AELDBHN (15.0 RTM) DESKTOP-AELDBHN\Gursha... saheb 00:00:00 1 rows

Ready

Ln 30 Col 20 Ch 20 INS

Type here to search

04:15 PM 02-03-2021 ENG

SQLQuery2.sql - DESKTOP-AELDBHN.saheb (DESKTOP-AELDBHN\Gursharan Singh (59))\* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

New Query MDX DMX XMA DAX

saheb Execute

Object Explorer

Connect

DESKTOP-AELDBHN

- Databases
- System Database
- Database Snap
- saheb
- Security
- Server Objects
- Replication
- PolyBase
- Always On High A
- Management
- Integration Services
- SQL Server Agent
- XEvent Profiler

SQLQuery2.sql - DE...rsharan Singh (59)\* SQLQuery1.sql - DE...rsharan Singh (51)\*

```
Create table Tab5(Ename varchar(255) check(Ename like '% [ABCDEFGHIJKLMNOPQRSTUVWXYZ]%' or Ename like '% [0-9]%'));--The alphabet after space should be a capital letter or numeric
insert into Tab5 values('Saheb Singh');
insert into Tab5 values('Gursharan_Singh');
select * from Tab5;
```

Results

Ename
Saheb Singh

Messages

Query executed successfully.

DESKTOP-AELDBHN (15.0 RTM) | DESKTOP-AELDBHN\Gursha... | saheb | 00:00:00 | 1 rows

Ready

Ln 31 Col 20 Ch 20 INS

Type here to search

04:19 PM 02-03-2021

SQLQuery2.sql - DESKTOP-AELDBHN.saheb (DESKTOP-AELDBHN\Gursharan Singh (59))\* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

New Query MDX DMX XMA DAX

saheb Execute

Object Explorer

Connect

DESKTOP-AELDBHN

- Databases
- System Database
- Database Snap
- saheb
- Security
- Server Objects
- Replication
- PolyBase
- Always On High A
- Management
- Integration Services
- SQL Server Agent
- XEvent Profiler

SQLQuery2.sql - DE...rsharan Singh (59)\* SQLQuery1.sql - DE...rsharan Singh (51)\*

```
Create table Tab5(Ename varchar(255) check(Ename like '% [ABCDEFGHIJKLMNOPQRSTUVWXYZ]%' or Ename like '% [0-9]%'));--The alphabet after space should be a capital letter or numeric
insert into Tab5 values('Saheb Singh');
insert into Tab5 values('Gursharan_Singh');
insert into Tab5 values('saheb 192');
select * from Tab5;
```

Results

Ename
1 Saheb Singh
2 saheb 192

Messages

Query executed successfully.

DESKTOP-AELDBHN (15.0 RTM) | DESKTOP-AELDBHN\Gursha... | saheb | 00:00:00 | 2 rows

Ready

Ln 32 Col 1 Ch 1 INS

Type here to search

04:19 PM 02-03-2021

SQLQuery2.sql - DESKTOP-AELDBHN.saheb (DESKTOP-AELDBHN\Gursharan Singh (59))\* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

New Query MDX DMX XMLE DAX

saheb Execute

SQLQuery2.sql - DE...rsharan Singh (59)\* SQLQuery1.sql - DE...rsharan Singh (51)\*

```
create table Tab6(Ename varchar(255) check(Ename like '%+' or Ename like '%-%' or Ename like '%(%)' or Ename like '(%)%')) --It should contain a special character '+' or '-' OR "(" OR ")"
insert into Tab6 values('-');
insert into Tab6 values('Gursharan_Singh');
insert into Tab6 values('saheb(192)');
insert into Tab6 values('Saheb+Singh');
insert into Tab6 values('Saheb');
select * from Tab6;
```

100 %

Results Messages

Ename
1
2 saheb(192)
3 Saheb+Singh

Query executed successfully.

DESKTOP-AELDBHN (15.0 RTM) | DESKTOP-AELDBHN\Gursha... | saheb | 00:00:00 | 3 rows

Ready

Ln 40 Col 20 Ch 20 INS

Type here to search

04:24 PM 02-03-2021

SQLQuery2.sql - DESKTOP-AELDBHN.saheb (DESKTOP-AELDBHN\Gursharan Singh (59))\* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

New Query MDX DMX XML DAX

saheb Execute

SQLQuery2.sql - DE...rsharan Singh (59)\* SQLQuery1.sql - DE...rsharan Singh (51)\*

```
create table Tab7(Website varchar(255) check(Website like 'www.%' or Website like 'WWW.%')) --starting characters should be 'www.'  
insert into Tab7 values('www.saheb.com');  
insert into Tab7 values('www.harry');  
insert into Tab7 values('saheb.com');  
select * from Tab7;
```

100 %

Results Messages

	Website
1	www.saheb.com
2	www.harry

Query executed successfully.

DESKTOP-AELDBHN (15.0 RTM) | DESKTOP-AELDBHN\Gursha... | saheb | 00:00:00 | 2 rows

Ready

Ln 48 Col 1 Ch 1 INS

Type here to search

04:26 PM 02-03-2021 ENG

SQLQuery2.sql - DESKTOP-AELDBHN.saheb (DESKTOP-AELDBHN\Gursharan Singh (59))\* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

New Query MDX DMX XML DAX

saheb Execute

SQLQuery2.sql - DE...rsharan Singh (59)\* SQLQuery1.sql - DE...rsharan Singh (51)\*

```
create table Tab8(Website varchar(255) check(Website like '%.com' or Website like '%.org' or Website like '%.net' or Website like '%.in'))--last characters should be .com or.org or .net or .in
insert into Tab8 values('www.saheb.com');
insert into Tab8 values('www.harry');
insert into Tab8 values('saheb.org');
insert into Tab8 values('jhvid.net');
insert into Tab8 values('wekbwei.in');

select * from Tab8;
```

100 %

Results Messages

Website
1 www.saheb.com
2 saheb.org
3 jhvid.net
4 wekbwei.in

Query executed successfully.

DESKTOP-AELDBHN (15.0 RTM) | DESKTOP-AELDBHN\Gursha... | saheb | 00:00:00 | 4 rows

Ready

Ln 56 Col 20 Ch 20 INS

Type here to search

04:29 PM 02-03-2021 ENG

SQLQuery2.sql - DESKTOP-AELDBHN.saheb (DESKTOP-AELDBHN\Gursharan Singh (59))\* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

New Query MDX DMX XML DAX Execute

saheb

Object Explorer

Connect DESKTOP-AELDBHN (SQL Server 15.0.2080.9)

- Databases
- System Databases
- Database Snapshots
- saheb

Security

Server Objects

Replication

PolyBase

Always On High Availability

Management

Integration Services Catalogs

SQL Server Agent (Agent XPs disabled)

XEvent Profiler

SQLQuery2.sql - DE...rsharan Singh (59)\* SQLQuery1.sql - DE...rsharan Singh (51)\*

```
create table Tab9(Fullname varchar(255) check(Fullname like '% %'))--If there are two words, after the completion of first word there should be a space
insert into Tab9 values('Gursharan singh');
insert into Tab9 values('Gursharansingh');

select * from Tab9;
```

100 %

Results Messages

Fullname
1 Gursharan singh

Query executed successfully.

DESKTOP-AELDBHN (15.0 RTM) DESKTOP-AELDBHN\Gursha... saheb 00:00:00 1 rows

Ready

Ln 62 Col 20 Ch 20 INS

Type here to search

04:34 PM 02-03-2021 ENG 5

SQLQuery1.sql - DESKTOP-AELDBHN.master (DESKTOP-AELDBHN\Gursharan Singh (51))\* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

New Query MDX DMX XML DAX Execute

master

Object Explorer

Connect DESKTOP-AELDBHN (SQL Server 15.0.2080.9)

- Databases
  - System Databases
  - Database Snapshots
  - saheb
- Security
- Server Objects
- Replication
- PolyBase
- Always On High Availability
- Management
- Integration Services Catalogs
- SQL Server Agent (Agent XPs disabled)
- XEvent Profiler

SQLQuery2.sql - DE...rsharan Singh (59)\* SQLQuery1.sql - DE...rsharan Singh (51)\*

```
select empno,ename,sal into new_emp from emp; --selected columns inserted into new table while other columns were left uncopied
--Insert into new table by deleting 3 columns data from table

select * from new_emp;
```

100 %

Results Messages

	empno	ename	sal
1	103	Phoebe	4500
2	101	Monica	5000
3	102	Joey	3500.69
4	104	pPhoebe	3000
5	102	Joey	3500.69
6	105	+rachel	4200.192

Query executed successfully.

DESKTOP-AELDBHN (15.0 RTM) DESKTOP-AELDBHN\Gursha... master 00:00:00 6 rows

Ready

Ln 140 Col 23 Ch 23 INS

Type here to search

04:48 PM 02-03-2021

SQLQuery1.sql - DESKTOP-AELDBHN.master (DESKTOP-AELDBHN\Gursharan Singh (51))\* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

New Query MDX DMX XML DAX Execute

master

Object Explorer

Connect DESKTOP-AELDBHN (SQL Server 15.0.2080.9)

- Databases
- System Databases
- Database Snapshots
- saheb

Security

Server Objects

Replication

PolyBase

Always On High Availability

Management

Integration Services Catalogs

SQL Server Agent (Agent XPs disabled)

XEvent Profiler

SQLQuery2.sql - DE...rsharan Singh (59)\* SQLQuery1.sql - DE...rsharan Singh (51)\*

```
create table T1(column1 varchar(255), Status varchar(255));
insert into T1 values('kermit','completed');
--Create new table and insert columns having column1=kermit(value) and status=completed(value)

select * from T1;
```

100 %

Results Messages

	column1	Status
1	kermit	completed

Query executed successfully.

DESKTOP-AELDBHN (15.0 RTM) DESKTOP-AELDBHN\Gursha... master 00:00:00 1 rows

Ready

Ln 144 Col 18 Ch 18 INS

Type here to search

04:51 PM 02-03-2021 ENG 5

SQLQuery1.sql - DESKTOP-AELDBHN.master (DESKTOP-AELDBHN\Gursharan Singh (51))\* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

New Query MDX DMX XML DAX Execute

master

Object Explorer

Connect DESKTOP-AELDBHN (SQL Server 15.0.2080.9)

- Databases
  - System Databases
  - Database Snapshots
  - saheb
- Security
- Server Objects
- Replication
- PolyBase
- Always On High Availability
- Management
- Integration Services Catalogs
- SQL Server Agent (Agent XPs disabled)
- XEvent Profiler

SQLQuery2.sql - DE...rshan Singh (59)\* SQLQuery1.sql - DE...rshan Singh (51)\*

```
select count(*) as Two_empty_Columns from emp where Mgr is NULL and Comm is NULL; --Count if both columns have null values
```

100 %

Results Messages

Two_empty_Columns
1

Query executed successfully.

DESKTOP-AELDBHN (15.0 RTM) DESKTOP-AELDBHN\Gursha... master 00:00:00 1 rows

Ready

Ln 147 Col 1 Ch 1 INS

Type here to search

04:52 PM 02-03-2021 ENG

SQLQuery1.sql - DESKTOP-AELDBHN.master (DESKTOP-AELDBHN\Gursharan Singh (51))\* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

master Execute

Object Explorer

Connect ▾

DESKTOP-AELDBHN (SQL Server 15.0.2080.9)

- Databases
  - System Databases
  - Database Snapshots
  - saheb
- Security
- Server Objects
- Replication
- PolyBase
- Always On High Availability
- Management
- Integration Services Catalogs
- SQL Server Agent (Agent XPs disabled)
- XEvent Profiler

SQLQuery2.sql - DE...rshan Singh (59)\*

SQLQuery1.sql - DE...rshan Singh (51)\*

```
select * from sys.objects where name='Emp'; --How to get meta data

select * into duplicate_emp from emp; --How to create duplicate data
select * from duplicate_emp;
```

100 %

Results Messages

	name	object_id	principal_id	schema_id	parent_object_id	type	type_desc	create_date	modify_date	is_ms_shipped	is_published	is_schema_published
1	Emp	279672044	NULL	1	0	U	USER_TABLE	2020-12-10 00:49:16.320	2021-02-22 11:54:27.790	0	0	0

  

	EMPNO	ENAME	JOB	HIREDATE	MGR	SAL	COMM	DEPTNO
1	103	SPhoebe	CabsDept	2016-04-21	101	4500	NULL	25
2	101	Monica	Administrator.manager	2008-07-21	NULL	5000	NULL	10
3	102	Joey	test,report,lead	2016-12-06	106	3500.69	1000	20
4	104	pPhoebe	Cabs dept	2019-01-18	102	3000	0	D
5	102	Joey	test,report,lead	2016-12-06	106	3500.69	1000	20
6	105	+rachel	waiter	2014-02-14	101	4200.192	600	10

Query executed successfully.

DESKTOP-AELDBHN (15.0 RTM) | DESKTOP-AELDBHN\Gursha... | master | 00:00:00 | 7 rows

Ready

Ln 153 Col 29 Ch 29 INS

Type here to search

04:54 PM 02-03-2021 ENG 5

SQLQuery1.sql - DESKTOP-AELDBHN.master (DESKTOP-AELDBHN\Gursharan Singh (51))\* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

New Query MDX DMV XMA DAX Execute

master

Object Explorer

SQLQuery2.sql - DE...rshan Singh (59)\* SQLQuery1.sql - DE...rshan Singh (51)\*

```
--Use all types of Joins in a MySQL table
select * from emp inner join policy1 on emp.empno=policy1.empno; --Inner join
select * from emp left join policy1 on emp.empno=policy1.empno; --Left join
select * from emp right join policy1 on emp.empno=policy1.empno; --Right join
select * from emp full join policy1 on emp.empno=policy1.empno; --full outer join
select * from emp A, emp B where A.Empno=B.Empno; --Self join"
```

Results Messages

EMPNO	ENAME	JOB	HIREDATE	MGR	SAL	COMM	DEPTNO	poli	poltype	docname	submitted	docid	empno
103	5Phoebe	CabsDept	2016-04-21	101	4500	NULL	25	2	hospitalcover	Doc C	1	5	103
102	Joey	test,report,lead	2016-12-06	106	3500.69	1000	20	2	hospitalcover	Doc B	0	4	102
104	pPhoebe	Cabs dept	2019-01-18	102	3000	0	D	2	hospitalcover	Doc D	1	7	104
102	Joey	test,report,lead	2016-12-06	106	3500.69	1000	20	2	hospitalcover	Doc B	0	4	102
105	+rachel	waiter	2014-02-14	101	4200.192	600	10	2	hospitalcover	Doc E	1	10	105

EMPNO	ENAME	JOB	HIREDATE	MGR	SAL	COMM	DEPTNO	poli	poltype	docname	submitted	docid	empno
103	5Phoebe	CabsDept	2016-04-21	101	4500	NULL	25	2	hospitalcover	Doc C	1	5	103
101	Monica	Administrator,manager	2008-07-21	NULL	5000	NULL	10	NULL	NULL	NULL	NULL	NULL	NULL
102	Joey	test,report,lead	2016-12-06	106	3500.69	1000	20	2	hospitalcover	Doc B	0	4	102
104	pPhoebe	Cabs dept	2019-01-18	102	3000	0	D	2	hospitalcover	Doc D	1	7	104
102	Joey	test,report,lead	2016-12-06	106	3500.69	1000	20	2	hospitalcover	Doc B	0	4	102

EMPNO	ENAME	JOB	HIREDATE	MGR	SAL	COMM	DEPTNO	poli	poltype	docname	submitted	docid	empno
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	2	hospitalcover	Doc A	0	1	100
102	Joey	test...	2016-12-06	106	3500.69	1000	20	2	hospitalcover	Doc B	0	4	102
102	Joey	test...	2016-12-06	106	3500.69	1000	20	2	hospitalcover	Doc B	0	4	102
103	5Pho...	Cab...	2016-04-21	101	4500	NULL	25	2	hospitalcover	Doc C	1	5	103
104	pPhoebe	Cab...	2019-01-18	102	3000	0	D	2	hospitalcover	Doc D	1	7	104

EMPNO	ENAME	JOB	HIREDATE	MGR	SAL	COMM	DEPTNO	poli	poltype	docname	submitted	docid	empno
103	5Phoebe	CabsDept	2016-04-21	101	4500	NULL	25	2	hospitalcover	Doc C	1	5	103
101	Monica	Adminis...	2008-07-21	NULL	5000	NULL	10	NULL	NULL	NULL	NULL	NULL	NULL
102	Joey	test,rep...	2016-12-06	106	35...	1000	20	2	hospitalcover	Doc B	0	4	102
104	pPhoebe	Cabs dept	2019-01-18	102	3000	0	D	2	hospitalcover	Doc D	1	7	104
102	Joey	test,rep...	2016-12-06	106	35...	1000	20	2	hospitalcover	Doc B	0	4	102

EMPNO	ENAME	JOB	HIREDATE	MGR	SAL	COMM	DEPTNO	EMPNO	ENAME	JOB	HIREDATE	MGR	SAL	COMM	DEPTNO
103	5Phoebe	CabsDept	2016-04-21	101	4500	NULL	25	103	5Phoebe	CabsDept	2016-04-21	101	4500	NULL	25
101	Monica	Administrator,manager	2008-07-21	NULL	5000	NULL	10	101	Monica	Administrator,manager	2008-07-21	NULL	5000	NULL	10
102	Joey	test,rep...	2016-12-06	106	35...	1000	20	102	Joey	test,report,lead	2016-12-06	106	35...	1000	20
102	Joey	test,rep...	2016-12-06	106	35...	1000	20	102	Joey	test,report,lead	2016-12-06	106	35...	1000	20
104	pPhoebe	Cabs dept	2019-01-18	102	3000	0	D	104	pPhoebe	Cabs dept	2019-01-18	102	3000	0	D

Query executed successfully.

DESKTOP-AELDBHN (15.0 RTM) DESKTOP-AELDBHN\Gursha... master 00:00:00 32 rows

Ready

Ln 155 Col 42 Ch 42 INS

Type here to search

04:57 PM 02-03-2021

SQLQuery1.sql - DESKTOP-AELDBHN.master (DESKTOP-AELDBHN\Gursharan Singh (51))\* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

New Query MDX DMV XML DAY Execute

master

Object Explorer

Connect DESKTOP-AELDBHN (SQL Server 15.0.2080.9)

- Databases
- System Databases
- Database Snapshots
- saheb

Security

Server Objects

Replication

PolyBase

Always On High Availability

Management

Integration Services Catalogs

SQL Server Agent (Agent XPs disabled)

XEvent Profiler

SQLQuery2.sql - DE...rsharan Singh (59)\* SQLQuery1.sql - DE...rsharan Singh (51)\*

```
--Alphabet words in date format allows only Sunday or Monday or Tuesday or Wednesday or Thursday or Friday or Saturday
create table Tab10(Day varchar(255) check(Day in('Sunday','Monday','Tuesday','Wednesday','Thursday','Friday','Saturday')));
insert into Tab10 values('Sunday');
insert into Tab10 values('Sun');
insert into Tab10 values('Monday');

select * from Tab10;
```

Results Messages

Day
1 Sunday
2 Monday

Query executed successfully.

DESKTOP-AELDBHN (15.0 RTM) DESKTOP-AELDBHN\Gursha... master 00:00:00 2 rows

Ready

Ln 167 Col 21 Ch 21 INS

Type here to search

05:03 PM 02-03-2021 ENG

SQLQuery1.sql - DESKTOP-AELDBHN.master (DESKTOP-AELDBHN\Gursharan Singh (51))\* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

New Query MDX DMX XML DAX Execute

master SQLQuery2.sql - DE...rsharan Singh (59)\* SQLQuery1.sql - DE...rsharan Singh (51)\*

```
/*Alphabet words in month format allows only January or February or March or April or May or June or July or August or September or October or November or December or First 3 letters in starting word*/
create table Tab11(Month varchar(255) check(Month in ('January','February','March','April','May','June','July','August','September','October','November','December','Jan','Feb','Mar','Apr','May','Jun','Jan','Feb','Mar','Apr','May','Jun','Jul','Aug','Sep','Oct','Nov','Dec')));
insert into Tab11 values('January');
insert into Tab11 values('Jan');
insert into Tab11 values('December');
insert into Tab11 values('Sunday');

select * from Tab11;
```

100 %

Results Messages

Month
1 January
2 Jan
3 December

Query executed successfully.

DESKTOP-AELDBHN (15.0 RTM) DESKTOP-AELDBHN\Gursha... master 00:00:00 3 rows

Ready

Ln 177 Col 21 Ch 21 INS

Type here to search

05:06 PM 02-03-2021 ENG 5

SQLQuery1.sql - DESKTOP-AELDBHN.master (DESKTOP-AELDBHN\Gursharan Singh (51))\* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

New Query MDX DMX XML DAX Execute

master

Object Explorer

Connect DESKTOP-AELDBHN (SQL Server 15.0.2080.9 - DE

- Databases
  - System Databases
  - Database Snapshots
  - saheb
- Security
- Server Objects
- Replication
- PolyBase
- Always On High Availability
- Management
- Integration Services Catalogs
- SQL Server Agent (Agent XPs disabled)
- XEvent Profiler

SQLQuery2.sql - DE...rsharan Singh (59)\* SQLQuery1.sql - DE...rsharan Singh (51)\*

```
select datepart(yy, '2020-12-31') as Leapyear where datepart(yy, '2020-12-31')%4=0;--Any Year that is evenly divisible by 4 it is leap year

select datepart(yy, '2021-12-31') as Non_Leapyear where datepart(yy, '2021-12-31')%4!=0;--Any year that is not divisible by 4 it is Non-Leap year
```

Results Messages

Leapyear
2020

  

Non_Leapyear
2021

Query executed successfully.

DESKTOP-AELDBHN (15.0 RTM) DESKTOP-AELDBHN\Gursha... master 00:00:00 2 rows

Ready

Ln 186 Col 1 Ch 1 INS

Type here to search

05:07 PM 02-03-2021 ENG