

Mohit bhai sakib la vicharun kar kay te 19:01

Today

Tula koni Adhikar nai dilay 19:02

Mi kam tyala havay teva karun dilay 19:02

Mi ajari aslyamule nai yeu shaklo 19:02

Adhi vicharun karat 19:02

Ja 19:02

Wait a second 19:02 ✓

Lakshat thev 19:02

Adhich sangto 19:02

Mi 19:02

Sumit Bhai tula adhi pan sangitla hota 19:04 ✓

Yee 19:04

Please be active in every task of group discussion 19:04 ✓

You

Please be active in every task of group discussion

Meeting la Jari naslo na kama kelet 19:04

Mi 19:04

Tu vicharun karat ja sangto mi 19:05



File Edit View Query Tools Window Community Help

New Query

master

Execute

Object Explorer

Summary WINCTRL-61E7K6K...\SQLQuery1.sql\*

WINCTRL-61E7K6K\SQLEXP

Databases

System Databases

class

college

Database Diagram

Tables

Views

Synonyms

Programmability

Security

hexa1

one

school

test

training

Security

Server Objects

Replication

Management

-----mathematical functions-----

SELECT ABS (-565.8)

select acos (0.23)

select asin (0.24)

select atan (0.33)

select cot (0.30)

select ceiling (34.454)

select round (34.454,1)

select floor (34.454)

select log (10)

select exp (1)

select pi ()

select power (4,2)

select rand ()

select rand (5)

select rand (5)+10

select rand (5)\*10

<

Results

Messages

Query executed successfully

WINCT

# DATE Functions



## Return Date & Time Parts

- DATEPART ( datepart , date )
- DATENAME ( datepart , date )
- DAY ( date )
- MONTH ( date )
- YEAR ( date )



## Return System Date & Time Values

- SYSDATETIME
- SYSDATETIMEOFFSET
- SYSUTCDATETIME
- CURRENT\_TIMESTAMP
- GETDATE
- GETUTCDATE

## Return Date & Time Difference Values

- DATEDIFF ( datepart , startdate , enddate )

## SQL Server DATE & TIME Functions

## Construct Date & Time

- DATEFROMPARTS ( year, month, day )
- DATETIME2FROMPARTS ( year, month, day, hour, minute, seconds, fractions, precision )
- DATETIMEOFFSETFROMPARTS
- TIMEFROMPARTS

## Validate Date & Time Values

- ISDATE ( expression )

## Modify Date & Time Values

- DATEADD ( datepart , number , date )
- EOMONTH ( start\_date [, month\_to\_add ] )
- SWITCHOFFSET ( DATETIMEOFFSET , time\_zone )
- TODATETIMEOFFSET ( expression , time\_zone )



WINCTRL-61E7K6K...e - dbo.students WINCTRL-61E7K6K...e - dbo.students Summary WINCTRL-61E7K6K...\SQLQuery1.sql\*

```
use college

select id,sname,datepart(year,dob) as birth_year,datepart(month,dob) as month from students

select datename(month,dob) from students
select datename(day,dob) from students

select current_timestamp as current_tim

select current_timestamp+7 as deliver_date

select current_timestamp-7 as over_date

select * from students where dob<current_timestamp-10
```

I

Results Messages

	id	sname	address	dob
1	1	Ahil	chennai	2000-10-15 00:00:00.000
2	2	Tarun	bangalore	2001-11-18 00:00:00.000
3	3	Samkutha	pune	2001-09-12 00:00:00.000
4	4	Bipul	Andharapradesh	2001-09-24 00:00:00.000
5	5	SaiAnish	bangalore	2022-06-11 00:00:00.000

```

select current_timestamp as current_tim

select current_timestamp+7 as deliver_date

select current_timestamp-7 as over_date

select * from students where dob<current_timestamp-10

select datediff(day,'2024/01/23','2024/10/28')

select id,sname,dob,datediff(year,dob,current_timestamp)as age from students

select id,sname,dob,datediff(month,dob,current_timestamp)as age_in_months from students

select id,sname,dob,datediff(day,dob,current_timestamp)as age_in_days from students

```

	id	sname	dob	age_in_days
1	1	Ahil	2000-10-15 00:00:00.000	8923
2	2	Tarun	2001-11-18 00:00:00.000	8524
3	3	Samkutha	2001-09-12 00:00:00.000	8591
4	4	Bipul	2001-09-24 00:00:00.000	8579
5	5	SaiAnish	2022-06-11 00:00:00.000	1014
6	6	Amritha	NULL	NULL
7	7	Rajesh	NULL	NULL

Query executed successfully. WINCTRL-61E7K6K\SQLEXPRESS (9.0 SP2) sa (51) college 00:00:00 7 rows