SQL Learning from scratch

-- set 3



-- GetDate()

-- GetUTCDate()

-- Between



sukhaa02

- -- 1. write a query to get all employee
- select * from EMP;

	EMP_ID	FNAME	LNAME	Salary	join_Date	DEPT	Gender
1	1	Vikas	Ahlawat	600000	2013-02-15	IT	Male
2	2	Nikita	Jain	530000	2014-01-09	HR	Female
3	3	Ashish	Kumar	10000000	2014-01-09	IT	Male
4	4	Nikhil	Sharma	480000	2014-01-09	HR	Male
5	5	Anish	Kadian	600000	2013-02-15	Payroll	Male

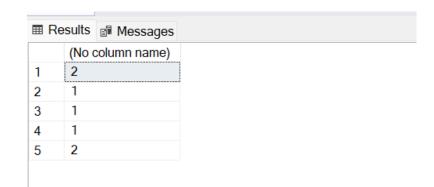


- -- only year of join date
- select DatePart(Year, join_Date)FROM emp;

⊞ Re	esults	■ Messages
	(No d	column name)
1	2013	3
2	2014	1
3	2014	1
4	2014	1
5	2013	3



- -- Get only month of the employee
- select DatePart(MONTH, Join_Date)
 FROM emp;





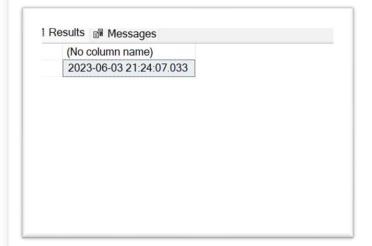
- -- 3. Get system Date
- Select GETDATE();

■ Results Messages

(No column name) 2023-06-03 17:23:34.140



- -- 4. GET UTC Date
- select GETutcDate()





- -- 5. print firstname, current_Date, Join_Date, difference between both dates in months
- select Fname,
 GETDATE() as Curent_Date,
 Join_Date,
 DATEDIFF(month, join_Date,
 GetDate()) as Months
 from EMP

≣ Re	sults 🗊	Messages		
	Fname	Curent_Date	Join_Date	Months
1	Vikas	2023-06-03 17:26:33.007	2013-02-15	124
2	Nikita	2023-06-03 17:26:33.007	2014-01-09	113
3	Ashish	2023-06-03 17:26:33.007	2014-01-09	113
4	Nikhil	2023-06-03 17:26:33.007	2014-01-09	113
5	Anish	2023-06-03 17:26:33.007	2013-02-15	124



- -- 6. print firstname, current_Date, Join_Date, difference between both dates in months
- select Fname,
 Getdate() as Curent_Date,
 join_Date,
 DateDIFF(DD, join_Date,
 GetUTCDate()) as Days
 FROM emp

⊞ Re	esults 🗐	Messages		
	fname	Curent_Date	join_Date	Days
1	Vikas	2023-06-03 17:27:04.380	2013-02-15	3760
2	Nikita	2023-06-03 17:27:04.380	2014-01-09	3432
3	Ashish	2023-06-03 17:27:04.380	2014-01-09	3432
4	Nikhil	2023-06-03 17:27:04.380	2014-01-09	3432
5	Anish	2023-06-03 17:27:04.380	2013-02-15	3760



```
• -- 7. Get all emp since 2013
```

```
• select * from emp
where DATEPART(yyyy, join_date) >
2013;
```

⊞ Re	sults	e N	lessages					
	EMP	_ID	FNAME	LNAME	Salary	join_Date	DEPT	Gender
1	2		Nikita	Jain	530000	2014-01-09	HR	Female
2	3		Ashish	Kumar	10000000	2014-01-09	IT	Male
3	4		Nikhil	Sharma	480000	2014-01-09	HR	Male



- -- 8. Print all emp joined on Jan.
- select * from EMP
 where DatePart(mm, join_Date) = 1;

⊞ Re	sults		lessages					
	EMP	_ID	FNAME	LNAME	Salary	join_Date	DEPT	Gender
1	2		Nikita	Jain	530000	2014-01-09	HR	Female
2	3		Ashish	Kumar	10000000	2014-01-09	IT	Male
3	4		Nikhil	Sharma	480000	2014-01-09	HR	Male



- -- 9. print all EMP having join_date between 2013-01-01 and 2013-12-01
- select * from EMPWHere JOIN_Date Between'2013-01- 01' AND '2013-12-01'

EMP ID FNAME LNAME Salary join Date DEPT Gender
1 1 Vikas Ahlawat 600000 2013-02-15 IT Male
2 5 Anish Kadian 600000 2013-02-15 Payroll Male



- -- 6. Print number of emp
- select count (*) from emp;



