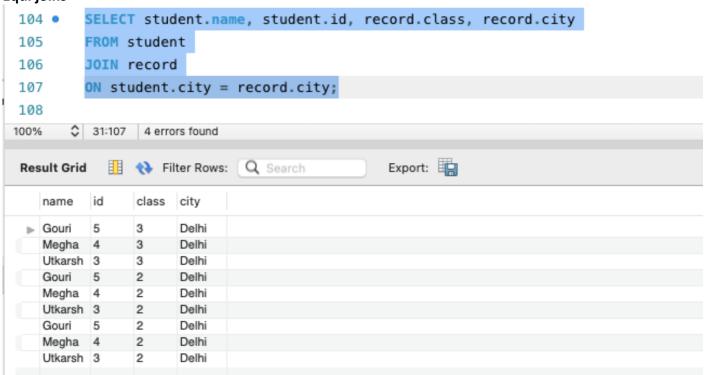
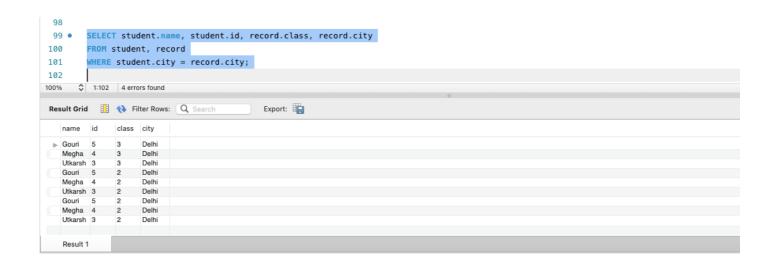
Assignment-4

Name- Ajay Chaudhary
Batch- Data engineering(batch-1)

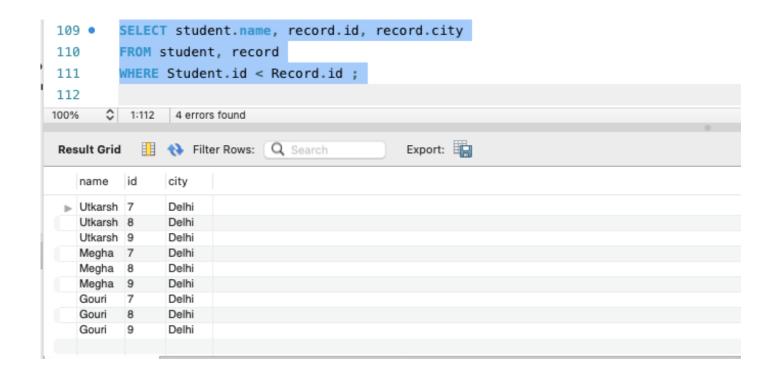
JOINS-

```
Equi joins
```

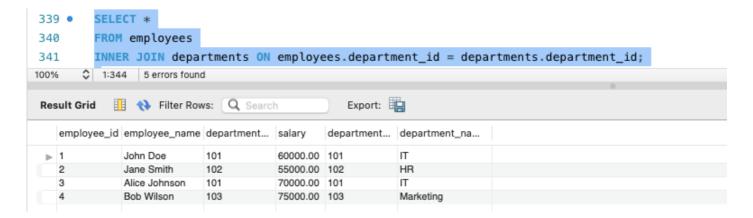




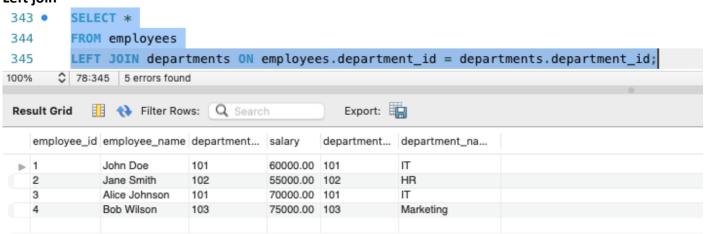
Non-equi joins-



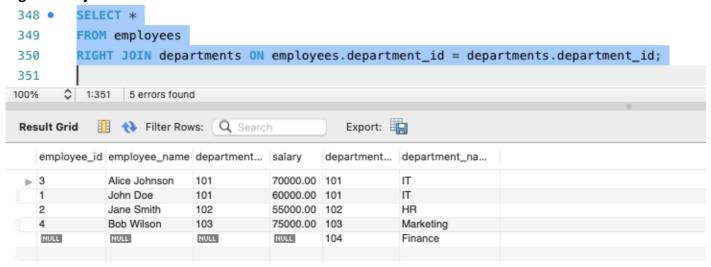
Inner join



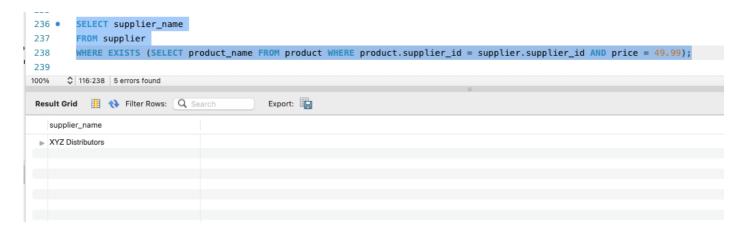
Left join

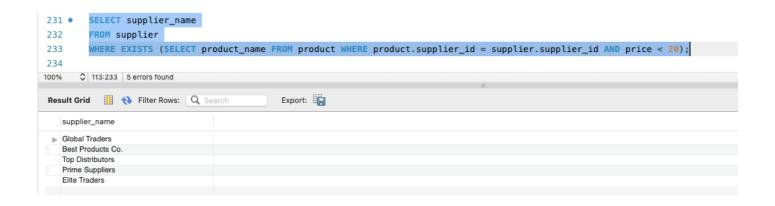


Right outer join

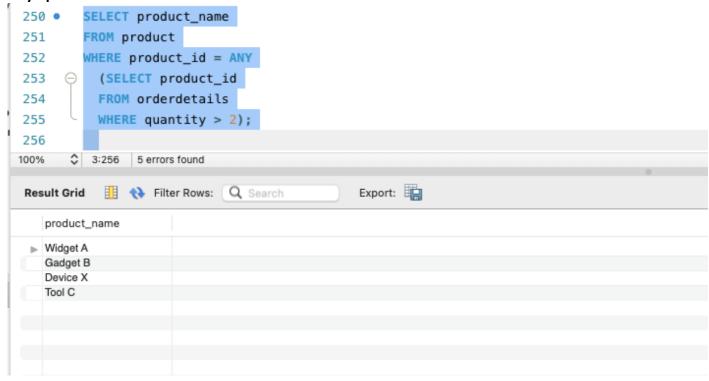


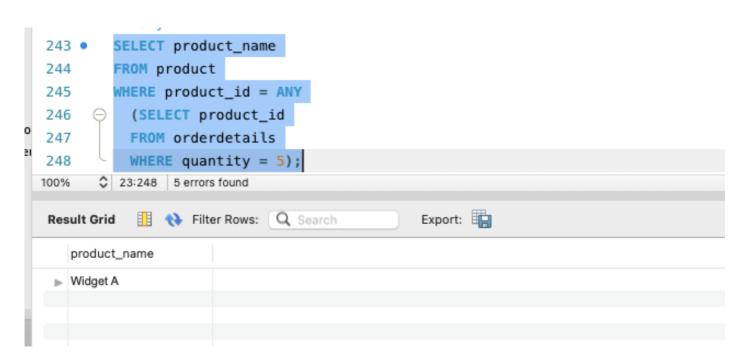
Exists operator-



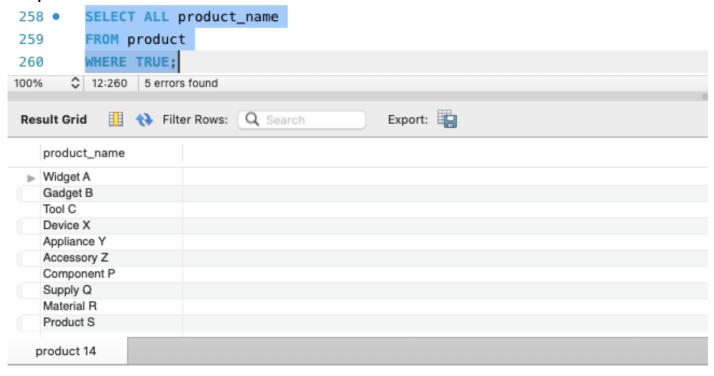


Any operator-





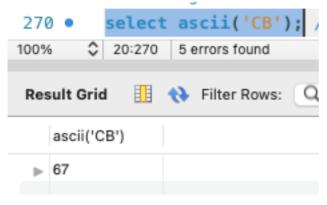
All operator-



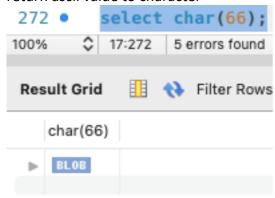
262	2 •	SELECT	produc	t_name		
263	3	FROM pr	oduct			
264	1	WHERE p	roduct	_id = A	L.	
265	9 ⊝	(SELE	CT pro	duct_id		
266	5	FROM	orderd	etails		
267	7	WHERE	quant	ity = 10);	
268	3					
100%	• •	24:267	5 errors f	ound		
Res	ult Grid	d 🔢 🐧	Filter	Rows: Q	Sear	
	produc	t_name				
>	Widget	A				
	Gadget					
	Tool C Device	v				
	Applian					
		ssory Z				
	7100000	ory Z				
	Compo	nent P				
	Compos Supply	nent P Q				
	Compo	nent P Q I R				

String functions-

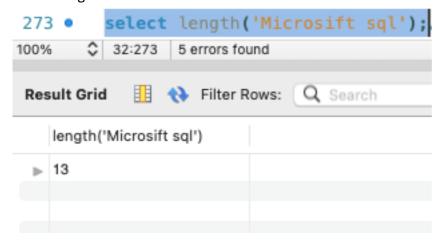
return leftmost ascii value



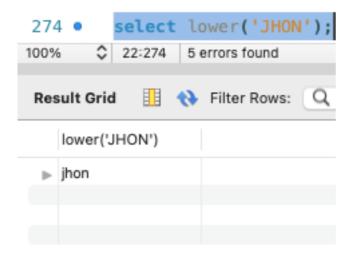
return ascii value to character



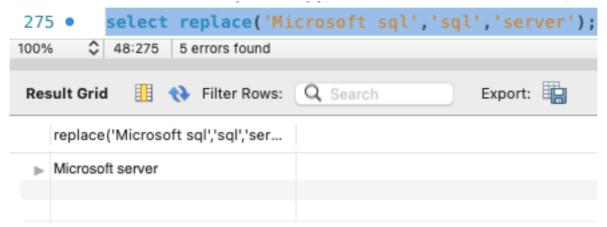
return length



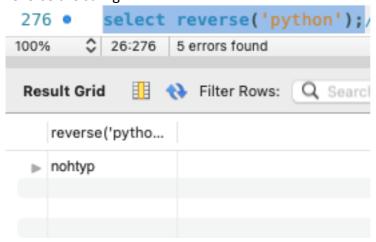
convert to lowercase



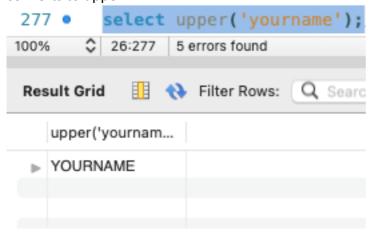
Replace



reverse the string



converts to upper



Date functions-

return value of date of that particular day



return month value

```
/* Date Functions*/
282 • select getdate ();/*get current date and time*/
283 • select dateadd (mm, 2, '2023-12-07');/*add months to existed date */
284 Select dateddiff ( year, convert (datetime, '2005-05-06'), convert ( datetime, '2009-01-01'));/*it will return the difference of date,months, years also*/
285 • select datepart (mm, '2008-5-22');/*return months value*/
286 • select day ( '2023-05-3');/*return value of date of that particular day*/
287 • select month ('2023-05-31');/*return month value*/
288 • select year ( '2023-05-3');/*return year value*/

100% $\frac{29:287}{29:287} \frac{5}{29:287} \frac{5}{29:275} \frac{5}
```

return year value

```
select getdate ();/*get current date and time*/

283 • select dateadd (mm, 2, '2023-12-07');/*add months to existed date */

284 • select datediff ( year, convert (datetime, '2006-05-06'), convert ( datetime, '2009-01-01'));/*it will return the difference of date,months, years also*/

285 • select datepart (mm, '2008-5-22');/*return months value*/

286 • select day ( '2023-05-31');/*return value of date of that particular day*/

287 • select month ('2023-05-31');/*return month value*/

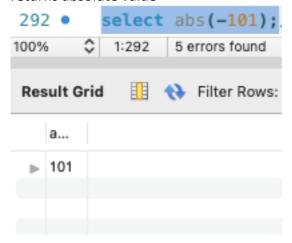
288 • select year ('2023-05-31');/*return year value*/

100% ¢ 28:288 | serrors found

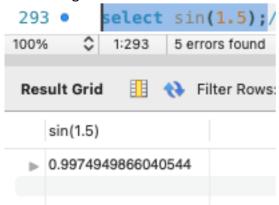
Result Grid  Filter Rows: Q Search Export: Result Grid  Result G
```

Mathematical functions-

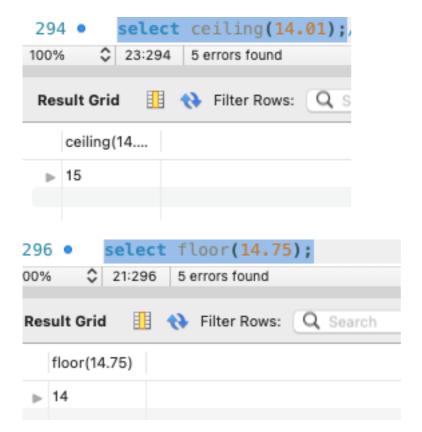
returns absolute value



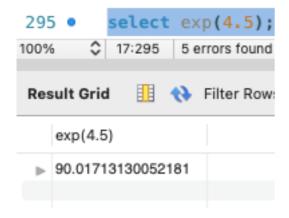
returns angle in radians



returns the smallest or greater to the specified value



returns the exponencial value



return logarithmic values

