➢ Write a small research about REGEXP

1. It provide a powerful and flexible pattern match that can help us

implement power search utilities for our database systems.

2. REGEXP is the operator used when performing regular expression pattern

matches. RLIKE is the synonym.

3. It also supports a number of metacharacters which allow more flexibility

and control when performing pattern matching.

4. The backslash is used as an escape character. It's only considered in the

pattern match if double backslashes have used.

5. Not case sensitive

```sql
1 SELECT contactFirstName "Name",
2 LENGTH(contactFirstName) "Length"
3 FROM customers
4 WHERE contactFirstName LIKE 'je%'
5 OR contactFirstName LIKE 'le%'
6 ORDER BY contactFirstName ;
```

▶ Execute   ⬛ Clear   ✏ Beautify   ✖ Minify

RESULT

Name	Length
Jean	4
Jean	5
Jeff	4

SQL QUERY

```sql
1 SELECT *
2 FROM customers
3 WHERE creditlimit >= 1000000 AND customerNumber < 200 OR country = 'USA'
```

▶ Execute   ✎ Clear   ✏ Beautify   ✎ Minify

RESULT

customerNumber	customerName	contactLastName	contactFirstName	phone	addressLine1
112	Signal Gift Stores	King	Jean	7025551838	8489 Strong St.
124	Mini Gifts Distributors Ltd.	Nelson	Susan	4155551450	5677 Strong St.
129	Mini Wheels Co.	Murphy	Julie	6505555787	5557 North Pendale

SQL QUERY

```sql
1 SELECT
2     creditlimit,
3     creditlimit + 2000 AS new_credit
4 FROM customers
5 ORDER BY new_credit DESC
```

▶ Execute   ✎ Clear   ✎ Beautify   ✎ Minify

RESULT

creditlimit	new_credit
227600.00	229600.00
210500.00	212500.00
141300.00	143300.00

SQL File 1   X

[toolbar icons] Limit to 1000 rows ▾

```sql
1 ● SELECT *
2   FROM customers
3   WHERE creditLimit  > 100000
4   ORDER BY contactFirstName
```

Field Types

#	Field	Schema	Table	Ty
1	customerNumber	classicmodels	customers	IN
2	customerName	classicmodels	customers	VA
3	contactLastName	classicmodels	customers	VA
4	contactFirstName	classicmodels	customers	VA
5	phone	classicmodels	customers	VA
6	addressLine1	classicmodels	customers	VA
7	addressLine2	classicmodels	customers	VA
8	city	classicmodels	customers	VA
9	state	classicmodels	customers	VA
10	postalCode	classicmodels	customers	VA
11	country	classicmodels	customers	VA
12	salesRepEmployeeNu...	classicmodels	customers	IN

Result Grid

Form Editor

Field Types