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Subgroup\ B2

1-Get all customers with creditLimit more than or equal to 1000000 and customerNumber less than 200 or country is USA.

The screenshot shows the MySQL Workbench interface. The SQL editor contains the following query:

```
1 SELECT * FROM classicmodels.customers
2 WHERE creditLimit >=1000000 AND customerNumber <200 OR country="USA";
```

The query results are displayed in a table with the following columns: customerNumber, customerName, contactLastName, contactFirstName, phone, addressLine1, city, state, postalCode. The results show 12 rows of customer data.

customerNumber	customerName	contactLastName	contactFirstName	phone	addressLine1	city	state	postalCode
112	Signal Gift Stores	King	Jean	7025551838	8489 Strong St.	Las Vegas	NV	83030
124	Mini Gifts Distributors Ltd.	Nelson	Susan	4155551450	5677 Strong St.	San Rafael	CA	97562
129	Mini Wheels Co.	Murphy	Julie	6505555787	5557 North Pendale Street	San Francisco	CA	94217
131	Land of Toys Inc.	Lee	Kimi	2125557818	897 Long Airport Avenue	NYC	NY	10022
151	Muscle Machine Inc.	Young	Jeff	2125557413	4992 Furth Circle	NYC	NY	10022
157	Diecast Classics Inc.	Leong	Kelvin	2155551555	7586 Pompton St.	Allentown	PA	70267
161	Technics Stores Inc.	Hashimoto	Juri	6505556809	9408 Furth Circle	Burlingame	CA	94217
168	American Souvenirs Inc.	Franco	Keith	2035557845	149 Spinnaker Dr.	New Haven	CT	97823
173	Cambridge Collectables Co.	Tseng	Jerry	6175555555	4658 Baden Av.	Cambridge	MA	51247
175	Gift Depot Inc.	King	Julie	2035552570	25993 South Bay Ln.	Bridgewater	CT	97562
181	Vitachrome Inc.	Frick	Michael	2125551500	2678 Kingston Rd.	NYC	NY	10022
198	Auto-Moto Classics Inc.	Taylor	Leslie	6175558428	16780 Pompton St.	Bridgwater	MA	58339
204	Online Mini Collectables	Barajas	Miguel	6175557555	7635 Spinnaker Dr.	Bridgwater	MA	58339
205	Toys4GrownUps.com	Young	Julie	6265557265	78934 Hillside Dr.	Pasadena	CA	90003

The bottom panel shows the Action Output with the following entries:

#	Time	Action	Message	Duration / Fetch
25	15:46:20	SELECT * FROM classicmodels.customers LIMIT 0, 1000	122 row(s) returned	0.000 sec / 0.000 sec
26	15:46:44	SELECT * FROM classicmodels.customers WHERE creditLimit >=1000000 LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
27	15:47:19	SELECT * FROM classicmodels.customers WHERE country="USA" LIMIT 0, 1000	36 row(s) returned	0.000 sec / 0.000 sec
28	15:48:36	SELECT * FROM classicmodels.customers WHERE creditLimit >=1000000 AND customerNumber <200 OR c...	36 row(s) returned	0.000 sec / 0.000 sec

2-Get all customers and calculate new_credit column (creditLimit + 2000) order the query by new_credit DESC.

The screenshot shows the MySQL Workbench interface. The SQL editor contains the following query:

```
1 SELECT creditLimit, creditLimit + 2000 AS new_creditLimit
2 FROM classicmodels.customers;
3
```

The query is executed, and the results are displayed in the Result Grid. The results are ordered by new_creditLimit in descending order.

creditLimit	new_creditLimit
21000.00	23000.00
71800.00	73800.00
117300.00	119300.00
118200.00	120200.00
81700.00	83700.00
210500.00	212500.00
0.00	2000.00
59700.00	61700.00
64600.00	66600.00
114900.00	116900.00
227600.00	229600.00
53100.00	55100.00
83400.00	85400.00
123900.00	125900.00
103800.00	105800.00

The bottom panel shows the Output window with the following messages:

```
29 16:13:44 SELECT * FROM classicmodels.customers LIMIT 0, 1000 122 row(s) returned 0.000 sec / 0.000 sec
30 16:16:53 SELECT * FROM creditLimit, creditLimit + 2000 AS new_creditLimit Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL version 5.7.26 for the right syntax to use near 'creditLimit, creditLimit + 2000 AS new_creditLimit' at line 1 0.000 sec
31 16:17:55 SELECT creditLimit, creditLimit + 2000 AS new_creditLimit FROM classicmodels.customers LIMIT 0, 1000 122 row(s) returned 0.000 sec / 0.000 sec
32 16:18:07 SELECT creditLimit, creditLimit + 2000 AS new_creditLimit FROM classicmodels.customers LIMIT 0, 1000 122 row(s) returned 0.000 sec / 0.000 sec
```

3-Get 3 customers that have the highest creditLimit.

The screenshot shows the MySQL Workbench interface. The SQL editor contains the following query:

```
1 SELECT creditLimit
2 FROM classicmodels.customers
3 ORDER BY creditLimit DESC;
4
```

The query is executed, and the results are displayed in the Result Grid. The top 3 customers are highlighted in blue:

creditLimit
227600.00
210500.00
141800.00

The bottom panel shows the Output tab with the following log entries:

#	Time	Action	Message	Duration / Fetch
30	16:16:53	SELECT* FROM creditLimit , creditLimit + 2000 AS new_creditLimit	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL version.	0.000 sec
31	16:17:55	SELECT creditLimit , creditLimit + 2000 AS new_creditLimit FROM classicmodels.customers LIMIT 0, 1000	122 row(s) returned	0.000 sec / 0.000 sec
32	16:18:07	SELECT creditLimit , creditLimit + 2000 AS new_creditLimit FROM classicmodels.customers LIMIT 0, 1000	122 row(s) returned	0.000 sec / 0.000 sec
33	16:22:01	SELECT creditLimit FROM classicmodels.customers ORDER BY creditLimit DESC LIMIT 0, 1000	122 row(s) returned	0.000 sec / 0.000 sec