Examen Primer Parcial

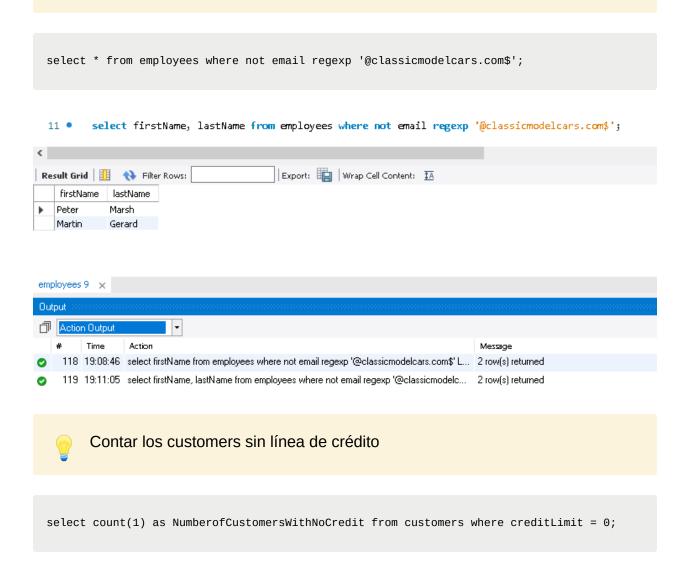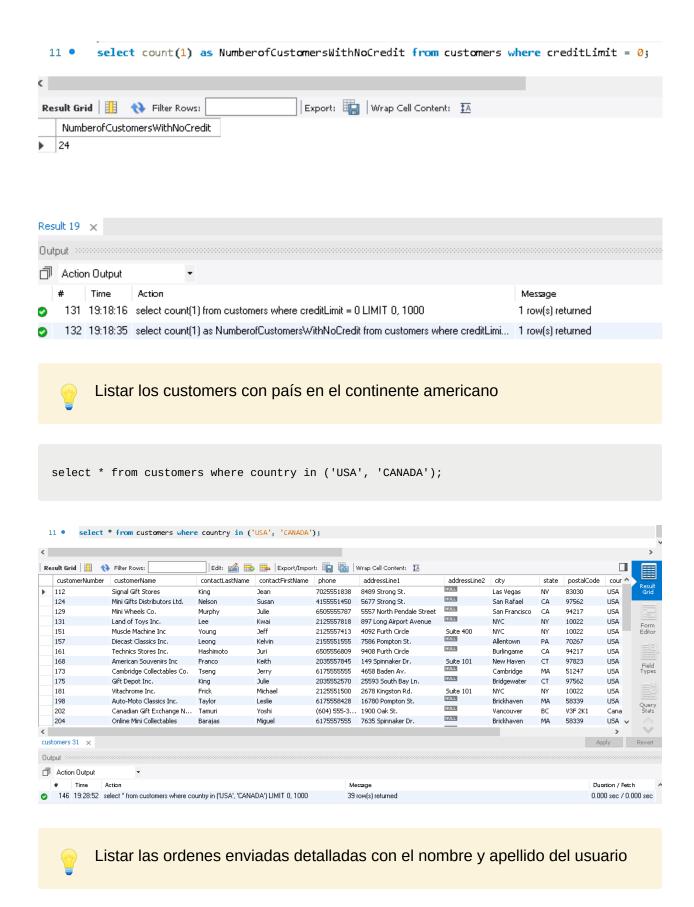💡 Calcular el límite de crédito máximo de los customers

```
select max(creditLimit) as MaximoCredito from customers;
```

💡 Listar nombre y teléfono de los empleados que presentan error en su correo electrónico

```
select * from employees where not email regexp '@classicmodelcars.com$';
```

```
11 •    select firstName, lastName from employees where not email regexp '@classicmodelcars.com$';
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

firstName	lastName
Peter	Marsh
Martin	Gerard

employees 9 ×

Output

Action Output ▾

#	Time	Action	Message
✓ 118	19:08:46	select firstName from employees where not email regexp '@classicmodelcars.com$' L...	2 row(s) returned
✓ 119	19:11:05	select firstName, lastName from employees where not email regexp '@classicmodelc...	2 row(s) returned

💡 Contar los customers sin línea de crédito

```
select count(1) as NumberofCustomersWithNoCredit from customers where creditLimit = 0;
```

```
11 •    select count(1) as NumberofCustomersWithNoCredit from customers where creditLimit = 0;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

NumberofCustomersWithNoCredit
24

Result 19 ✕

Output

Action Output

	#	Time	Action	Message
✅	131	19:18:16	select count(1) from customers where creditLimit = 0 LIMIT 0, 1000	1 row(s) returned
✅	132	19:18:35	select count(1) as NumberofCustomersWithNoCredit from customers where creditLimi...	1 row(s) returned

💡 Listar los customers con país en el continente americano

```
select * from customers where country in ('USA', 'CANADA');
```

```
11 •    select * from customers where country in ('USA', 'CANADA');
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

customerNumber	customerName	contactLastName	contactFirstName	phone	addressLine1	addressLine2	city	state	postalCode	cour
112	Signal Gift Stores	King	Jean	7025551838	8489 Strong St.	NULL	Las Vegas	NV	83030	USA
124	Mini Gifts Distributors Ltd.	Nelson	Susan	4155551450	5677 Strong St.	NULL	San Rafael	CA	97562	USA
129	Mini Wheels Co.	Murphy	Julie	6505555787	5557 North Pendale Street	NULL	San Francisco	CA	94217	USA
131	Land of Toys Inc.	Lee	Kwai	2125557818	897 Long Airport Avenue	NULL	NYC	NY	10022	USA
151	Muscle Machine Inc	Young	Jeff	2125557413	4092 Furth Circle	Suite 400	NYC	NY	10022	USA
157	Diecast Classics Inc.	Leong	Kelvin	2155551555	7586 Pompton St.	NULL	Allentown	PA	70267	USA
161	Technics Stores Inc.	Hashimoto	Juri	6505556809	9408 Furth Circle	NULL	Burlingame	CA	94217	USA
168	American Souvenirs Inc	Franco	Keith	2035557845	149 Spinnaker Dr.	Suite 101	New Haven	CT	97823	USA
173	Cambridge Collectables Co.	Tseng	Jerry	6175555555	4658 Baden Av.	NULL	Cambridge	MA	51247	USA
175	Gift Depot Inc.	King	Julie	2035552570	25593 South Bay Ln.	NULL	Bridgewater	CT	97562	USA
181	Vitachrome Inc.	Frick	Michael	2125551500	2678 Kingston Rd.	Suite 101	NYC	NY	10022	USA
198	Auto-Moto Classics Inc.	Taylor	Leslie	6175558428	16780 Pompton St.	NULL	Brickhaven	MA	58339	USA
202	Canadian Gift Exchange N...	Tamuri	Yoshi	(604) 555-3...	1900 Oak St.	NULL	Vancouver	BC	V3F 2K1	Cana
204	Online Mini Collectables	Barajas	Miguel	6175557555	7635 Spinnaker Dr.	NULL	Brickhaven	MA	58339	USA

customers 31 ✕

Output

Action Output

	#	Time	Action	Message	Duration / Fetch
✅	146	19:28:52	select * from customers where country in ('USA', 'CANADA') LIMIT 0, 1000	39 row(s) returned	0.000 sec / 0.000 sec

💡 Listar las ordenes enviadas detalladas con el nombre y apellido del usuario

```
SELECT
  customers.contactFirstName, customers.contactLastName, `orders`.`orderNumber`, `orders`.
`orderDate`,
    `orders`.`requiredDate`, `orders`.`shippedDate`, `orders`.`status`, `orders`.`comments
`, `orders`.`customerNumber`,
    `orderdetails`.`orderNumber`, `orderdetails`.`productCode`, `orderdetails`.`quantityOr
dered`, `orderdetails`.`priceEach`,
    `orderdetails`.`orderLineNumber`
FROM orders
join orderdetails on orders.orderNumber = orderdetails.orderNumber
join customers on customers.customerNumber = orders.customerNumber
where orders.status = 'Shipped';
```


💡 Listar los detalles de ordenes y en lugar del id del producto mostrar el
nombre de este, además de mostrar la cantidad total según sea la cantidad
ordenada y el
precio de la unidad

```
SELECT
  `orders`.`orderNumber`, `orders`.`orderDate`,
    `orders`.`requiredDate`, `orders`.`shippedDate`, `orders`.`status`, `orders`.`comments
`, `orders`.`customerNumber`,
    `orderdetails`.`orderNumber`, products.productName, orderdetails.quantityOrdered*order
details.priceEach as Total , `orderdetails`.`quantityOrdered`, `orderdetails`.`priceEach`,
    `orderdetails`.`orderLineNumber`
FROM orders
```

```
join orderdetails on orders.orderNumber = orderdetails.orderNumber
join products on orderdetails.productCode = products.productCode;
```

```
14 •  SELECT
15        `orders`.`orderNumber`, `orders`.`orderDate`,
16        `orders`.`requiredDate`, `orders`.`shippedDate`, `orders`.`status`, `orders`.`comments`, `orders`.`customerNumber`,
17        `orderdetails`.`orderNumber`, products.productName, orderdetails.quantityOrdered*orderdetails.priceEach as Total , `orderdetails`.`quantityOrdered`, `orderdetail
18        `orderdetails`.`orderLineNumber`
19    FROM orders
20    join orderdetails on orders.orderNumber = orderdetails.orderNumber
21    join products on orderdetails.productCode = products.productCode;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: | Fetch rows:

orderNumber	orderDate	requiredDate	shippedDate	status	comments	customerNumber	orderNumber	productName	Total	quantityOrdered	priceEach	orderLineNumber
10100	2003-01-06	2003-01-13	2003-01-10	Shipped	NULL	363	10100	1917 Grand Touring Sedan	4080.00	30	136.00	3
10100	2003-01-06	2003-01-13	2003-01-10	Shipped	NULL	363	10100	1911 Ford Town Car	2754.50	50	55.09	2
10100	2003-01-06	2003-01-13	2003-01-10	Shipped	NULL	363	10100	1932 Alfa Romeo 8C2300 Spider Sport	1660.12	22	75.46	4
10100	2003-01-06	2003-01-13	2003-01-10	Shipped	NULL	363	10100	1936 Mercedes Benz 500k Roadster	1729.21	49	35.29	1
10101	2003-01-09	2003-01-18	2003-01-11	Shipped	Check on availability.	128	10101	1932 Model A Ford J-Coupe	2701.50	25	108.06	4
10101	2003-01-09	2003-01-18	2003-01-11	Shipped	Check on availability.	128	10101	1928 Mercedes-Benz SSK	4343.56	26	167.06	1
10101	2003-01-09	2003-01-18	2003-01-11	Shipped	Check on availability.	128	10101	1939 Chevrolet Deluxe Coupe	1463.85	45	32.53	3
10101	2003-01-09	2003-01-18	2003-01-11	Shipped	Check on availability.	128	10101	1938 Cadillac V-16 Presidential Limousine	2040.10	46	44.35	2

Result 97 ✕

Output

Action Output

#	Time	Action	Message
220	20:28:24	SELECT `orders`.`orderNumber`, `orders`.`orderDate`, `orders`.`requiredDate`, `orders`.`shippedDate`, `orders`.`st...	2996 row(s) returned
221	20:28:43	SELECT customers.contactFirstName, customers.contactLastName, `orders`.`orderNumber`, `orders`.`orderDate`, ...	2771 row(s) returned
222	20:30:00	SELECT `orders`.`orderNumber`, `orders`.`orderDate`, `orders`.`requiredDate`, `orders`.`shippedDate`, `orders`.`st...	2996 row(s) returned
223	20:30:29	SELECT `orders`.`orderNumber`, `orders`.`orderDate`, `orders`.`requiredDate`, `orders`.`shippedDate`, `orders`.`st...	2996 row(s) returned

💡 Calcular la suma de los límites de crédito de los customers por país

```
select country, sum(creditLimit) from customers group by country;
```

```
 22 ●      select country, sum(creditLimit) from customers group by country;
```

country	sum(creditLimit)
France	932300.00
USA	2811700.00
Australia	430300.00
Norway	273600.00
Poland	0.00
Germany	257100.00
Spain	517800.00

Result 54 ✕

Output

Action Output ▼

	#	Time	Action	Message
✅	174	19:53:55	select country, creditLimit from customers	122 row(s) returned
✅	175	19:54:17	select country, sum(creditLimit) from customers group by country	27 row(s) returned
✅	176	19:55:33	select * from customers where country = 'Hong Kong'	1 row(s) returned
✅	177	19:55:40	select country, sum(creditLimit) from customers group by country	27 row(s) returned

💡 Listar el número de customers por país

```
select count(1) as NumberofCustomers, country from customers group by country;
```

```
23  ●       select count(1) as NumberofCustomers, country from customers group by country;
```

NumberofCustomers	country
12	France
36	USA
5	Australia
3	Norway
1	Poland
13	Germany
7	Spain

Result 58 ✕

Output

Action Output

	#	Time	Action	Message
✅	178	19:56:49	select * from customers	122 row(s) returned
✅	179	19:58:09	select country from customers	122 row(s) returned
✅	180	19:58:38	select count(1), country from customers group by country	27 row(s) returned
✅	181	19:58:57	select count(1) as NumberofCustomers, country from customers group by country	27 row(s) returned

💡 Listar el nombre completo y nivel de los customers según su límite de crédito
Bronce: 0 a 50,000

Plata: 50,001 a 100,000

Oro: 100,001 a 150,000

Diamante: Mas de 150,000

```
select contactFirstName, contactLastName, 'Bronce' as Nivel from customers where creditLim
it between 0 and 50000
union
select contactFirstName, contactLastName, 'Plata' as Nivel from customers where creditLimi
t between 50001 and 100000
union
select contactFirstName, contactLastName, 'Oro' as Nivel from customers where creditLimit
 between 100001 and 150000
union
select contactFirstName, contactLastName, 'Diamante' as Nivel from customers where creditL
imit > 150000;
```

```
24  ●  select contactFirstName, contactLastName, 'Bronce' as Nivel from customers where creditLimit between 0 and 50000
25     union
26     select contactFirstName, contactLastName, 'Plata' as Nivel from customers where creditLimit between 50001 and 100000
27     union
28     select contactFirstName, contactLastName, 'Oro' as Nivel from customers where creditLimit between 100001 and 150000
29     union
30     select contactFirstName, contactLastName, 'Diamante' as Nivel from customers where creditLimit > 150000;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: ⊤A

contactFirstName	contactLastName	Nivel
Carine	Schmitt	Bronce
Zbyszek	Piestrzeniewicz	Bronce
Keith	Franco	Bronce
Isabel	de Castro	Bronce
Jerry	Tseng	Bronce
Leslie	Taylor	Bronce
Brydey	Walker	Bronce

Result 65 ✕

Output

Action Output ▾

#	Time	Action	Message
✓	185	20:03:36	select contactFirstName, contactLastName, creditLimit, 'Bronce' as Nivel from customers where ...	122 row(s) returned
✓	186	20:03:52	select * from customers	122 row(s) returned
✓	187	20:03:59	select contactFirstName, contactLastName, creditLimit, 'Bronce' as Nivel from customers where ...	122 row(s) returned
✓	188	20:04:22	select contactFirstName, contactLastName, 'Bronce' as Nivel from customers where creditLimit ...	122 row(s) returned

> 💡 Listar completamente todos los empleados desglosando el nombre completo de
> su jefe inmediato y el teléfono junto dirección completa y estado de su oficina

```sql
SELECT
  a.`employeeNumber`, a.`lastName`, a.`firstName`, a.`extension`, a.`email`, a.officeCode,
a.`reportsTo`,
    b.firstName, b.lastName, a.`jobTitle`,
    o.addressLine1,
    o.addressLine2,
    o.state
FROM classicmodels.`employees` a
left join employees b on a.reportsTo = b.employeeNumber
left join offices o on o.officeCode = a.officeCode;
```

```sql
31 •  SELECT
32         a.`employeeNumber`, a.`lastName`, a.`firstName`, a.`extension`, a.`email`, a.officeCode, a.`reportsTo`,
33         b.firstName, b.lastName, a.`jobTitle`,
34         o.addressLine1,
35         o.addressLine2,
36         o.state
37  FROM classicmodels.`employees` a
38  left join employees b on a.reportsTo = b.employeeNumber
39  left join offices o on o.officeCode = a.officeCode;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: ‡A

employeeNumber	lastName	firstName	extension	email	officeCode	reportsTo	firstName	lastName	jobTitle	addressLine1	addressLine2	state
1002	Murphy	Diane	x5800	dmurphy@classicmodelcars.com	1	NULL	NULL	NULL	President	100 Market Street	Suite 300	CA
1056	Patterson	Mary	x4611	mpatterso@classicmodelcars.com	1	1002	Diane	Murphy	VP Sales	100 Market Street	Suite 300	CA
1076	Firrelli	Jeff	x9273	jfirrelli@classicmodelcars.com	1	1002	Diane	Murphy	VP Marketing	100 Market Street	Suite 300	CA
1088	Patterson	William	x4871	wpatterson@classicmodelcars.com	6	1056	Mary	Patterson	Sales Manager (APAC)	5-11 Wentworth Avenue	Floor #2	NULL
1102	Bondur	Gerard	x5408	gbondur@classicmodelcars.com	4	1056	Mary	Patterson	Sale Manager (EMEA)	43 Rue Jouffroy D'abbans	NULL	NULL
1143	Bow	Anthony	x5428	abow@classicmodelcars.com	1	1056	Mary	Patterson	Sales Manager (NA)	100 Market Street	Suite 300	CA

Result 101 ×

Output

Action Output ▼

#	Time	Action	Message
●	224	20:31:18	select country, sum(creditLimit) from customers group by country	27 row(s) returned
●	225	20:31:31	select count(1) as NumberofCustomers, country from customers group by country	27 row(s) returned
●	226	20:32:02	select contactFirstName, contactLastName, 'Bronce' as Nivel from customers where creditLimit between 0 and 500...	122 row(s) returned
●	227	20:32:50	SELECT a.`employeeNumber`, a.`lastName`, a.`firstName`, a.`extension`, a.`email`, a.officeCode, a.`reportsTo`, b...	23 row(s) returned