SQL ASSIGNMENT

Task 1:

Q1:

Query:

```
SELECT first_name as WORKER_NAME FROM `worker`;
```

Result:

Showing rows 0 - 24 (51 total, Query took 0.0005 seconds.)

```
SELECT first_name as WORKER_NAME FROM `worker`;
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

| 1 ∨ | > | >> | | ☐ Show all | Number of rows: | 25 ∨ | Filter rows: | Search this table |

Extra options

WORKER_NAME
sree
sai
john
vignesh
manian
divya
ramesh
udhay
uday
santosh
nisha
dhalia
nancy
victor
sai
vimal
ramesh
karthick
saranya

Q2:
Query:
```
SELECT distinct department FROM `worker`;
```
Result:

Showing rows 0 - 4 (5 total, Query took 0.0007 seconds.)

```
SELECT distinct department FROM `worker`;
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 ⌄ | Filter rows: Search this table

Extra options

department
HR
IT
ADMIN
FINANCE
NETWORK

Q3:
Query:
```
SELECT * FROM ( SELECT * FROM employee ORDER BY s_no DESC LIMIT 5 ) AS sub
ORDER BY s_no ASC;
```
Result:

Showing rows 0 - 4 (5 total, Query took 0.0009 seconds.)

```
SELECT * FROM ( SELECT * FROM employee ORDER BY s_no DESC LIMIT 5 ) AS sub ORDER BY s_no ASC;
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 ⌄ | Filter rows: Search this table

Extra options

s_no ▲ 1	first_name	last_name	email	department	salary	join_date
21	santosh	sravan	santoshsravan@guvi.com	HR	4166	2017-01-26
22	hema	latha	hemalatha@guvi.com	IT	8909	1999-06-22
23	shanumga	vinayaga	shanumgavinayaga@gmail.com	ADMIN	3580	2015-11-02
24	ramesh	shanmuga	rameshshanmuga@guvi.com	FINANCE	8260	2021-09-23
25	jesus	christ	jesuschrist@gmail.com	NETWORK	4607	2005-01-17

☐ Show all | Number of rows: 25 ⌄ | Filter rows: Search this table

Task 2:
Q1:
Query:
```
SELECT SUBSTRING( first_name, 1, 3 ) FROM worker;
```
Result:

Showing rows 0 - 24 (51 total, Query took 0.0008 seconds.)

```
SELECT SUBSTRING( first_name, 1, 3 ) FROM worker;
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

| 1 ⌄ | > | >> | ☐ Show all | Number of rows: | 25 ⌄ | Filter rows: | Search this table |

Extra options

SUBSTRING(first_name, 1, 3)
sre
sai
joh
vig
man
div
ram
udh
uda
san
nis
dha
nan
vic
sai
vim
ram
kar
sar

Q2:
Query:
```
SELECT first_name,LOCATE("a", first_name)as position_of_a FROM worker;
```
Result:

✔ Showing rows 0 - 24 (51 total, Query took 0.0006 seconds.)

```
SELECT first_name,LOCATE("a", first_name)as position_of_a FROM worker;
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

| 1 ✔ | > | >> | | ☐ Show all | Number of rows: | 25 ✔ | Filter rows: | Search this table |

Extra options

first_name	position_of_a
sree	0
sai	2
john	0
vignesh	0
manian	2
divya	5
ramesh	2
udhay	4
uday	3
santosh	2
nisha	5
dhalia	3
nancy	2
victor	0
sai	2
vimal	4
ramesh	2
karthick	2
saranya	2

Q3:
Query:
```
SELECT first_name,department,salary FROM worker where (department,salary) in
(select department, max(salary) from worker group by department);
```
Result:

Showing rows 0 - 4 (5 total, Query took 0.0173 seconds.)

SELECT first_name,department,salary FROM worker where (department,salary) in (select department, max(salary) from worker group by department);

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 ⌄   Filter rows: Search this table

Extra options

first_name	department	salary
sai	IT	9797
udhay	ADMIN	8728
victor	FINANCE	9948
Amelia	HR	9529
Vivian	NETWORK	9067

Task 3:
Q1:
Query:
```
SELECT RTRIM(first_name) as first_name from worker;
```
Result:

Showing rows 0 - 24 (51 total, Query took 0.0340 seconds.)

SELECT RTRIM(first_name) as first_name from worker;

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

1 ⌄ > >> | ☐ Show all | Number of rows: 25 ⌄   Filter rows: Search this table

Extra options

first_name
sree
sai
john
vignesh
manian
divya
ramesh
udhay
uday
santosh
nisha
dhalia
nancy
victor
sai
vimal
ramesh
karthick
saranya

Q2:
Query:
```
SELECT DISTINCT(department),LENGTH(department) as len_of_department from worker;
```
Result:

Showing rows 0 - 4 (5 total, Query took 0.0026 seconds.)

```
SELECT DISTINCT(department),LENGTH(department) as len_of_department from worker;
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 ✓ | Filter rows: Search this table

Extra options

department	len_of_department
HR	2
IT	2
ADMIN	5
FINANCE	7
NETWORK	7

Q3:
Query:
```
select * from( select first_name, salary, dense_rank() over(order by salary desc)rank from worker) a where a.rank = 20;
```
Result:

Showing rows 0 - 0 (1 total, Query took 0.0011 seconds.)

```
select * from( select first_name, salary, dense_rank() over(order by salary desc)rank from worker) a where a.rank = 20;
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 ✓ | Filter rows: Search this table

Extra options

first_name	salary	rank
sai	6980	20

Task 4:
Q1:
Query:
```
SELECT REPLACE(first_name, "a", "A") as first_name from worker;
```
Result:

✔ Showing rows 0 - 24 (51 total, Query took 0.0253 seconds.)

```
SELECT REPLACE(first_name, "a", "A") as first_name from worker;
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

| 1 ∨ | > | >> | | ☐ Show all | Number of rows: | 25 ∨ | Filter rows: | Search this table |

Extra options

first_name
sree
sAi
john
vignesh
mAniAn
divyA
rAmesh
udhAy
udAy
sAntosh
nishA
dhAliA
nAncy
victor
sAi
vimAl
rAmesh
kArthick
sArAnyA

Q2:
Query:
```
SELECT * FROM worker ORDER BY first_name ASC, department DESC;
```
Result:

```
SELECT * FROM worker ORDER BY first_name ASC, department DESC;
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

| 1 ∨ | > | >> | | ☐ Show all | Number of rows: | 25 ∨ | Filter rows: | Search this table |

Extra options

first_name ▲ 1	last_name	email	department ▼ 2	salary	join_date
Alexander	Miller	AlexanderMiller@guvi.com	FINANCE	8605	2000-09-08
Amelia	Crawford	AmeliaCrawford@guvi.com	HR	9529	2010-06-17
Arianna	Bennett	AriannaBennett@guvi.com	NETWORK	3738	2016-01-05
buddha	yogi	buddhayogi@gmail.com	IT	3381	2019-12-05
Charlie	Henderson	CharlieHenderson@gmail.com	IT	4775	2018-04-30
Chelsea	Wright	ChelseaWright@guvi.com	IT	7779	1999-10-01
Derek	Craig	DerekCraig@gmail.com	FINANCE	9841	2022-03-11
dhalia	sagayaraj	dhaliasagayaraj@gmail.com	IT	5094	2020-07-21
divya	ganesh	divyaganesh@gmail.com	HR	9133	1999-06-11
hema	latha	hemalatha@guvi.com	IT	8909	1999-06-22
hema	latha	hemalatha@guvi.com	IT	8909	1999-06-22
Isabella	Scott	IsabellaScott@gmail.com	IT	4826	2017-08-21
Jacob	Higgins	JacobHiggins@gmail.com	HR	7493	2000-08-15
James	Montgomery	JamesMontgomery@gmail.com	HR	5032	2002-08-23
Jared	Higgins	JaredHiggins@guvi.com	HR	9046	2004-01-29
jesus	christ	jesuschrist@gmail.com	NETWORK	4607	2005-01-17
john	fredrick	johnfredrick@guvi.com	ADMIN	7315	2014-03-20
Jordan	Montgomery	JordanMontgomery@guvi.com	ADMIN	3449	2011-08-25
Julia	Warren	JuliaWarren@guvi.com	ADMIN	4613	2014-03-24

Q3:
Query:

```
SELECT first_name,salary FROM worker where salary in (select max(salary) from worker);
```

Result:

```
SELECT first_name,salary FROM worker where salary in (select max(salary) from worker);
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

| ☐ Show all | Number of rows: | 25 ∨ | Filter rows: | Search this table |

Extra options

first_name	salary
victor	9948

Task 5:

Q1:

Query:

```
SELECT * FROM `worker` WHERE first_name not in ('santosh','ramesh');
```

Result:

Showing rows 0 - 24 (46 total, Query took 0.0017 seconds.)

```
SELECT * FROM `worker` WHERE first_name not in ('santosh','ramesh');
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

| 1 ▾ | > | >> | | ☐ Show all | Number of rows: | 25 ▾ | Filter rows: | Search this table |

Extra options

first_name	last_name	email	department	salary	join_date
sree	varshini	sreevarshini@guvi.com	HR	2866	2003-10-20
sai	sree	saisree@gmail.com	IT	9797	2019-09-24
john	fredrick	johnfredrick@guvi.com	ADMIN	7315	2014-03-20
vignesh	viswanth	vigneshviswanth@gmail.com	FINANCE	4548	2020-03-19
manian	sundar	maniansundar@guvi.com	NETWORK	1288	2016-11-17
divya	ganesh	divyaganesh@gmail.com	HR	9133	1999-06-11
udhay	kumar	udhaykumar@gmail.com	ADMIN	8728	2014-05-02
uday	chandran	udaychandran@guvi.com	FINANCE	9560	1998-05-29
nisha	manian	nishamanian@guvi.com	HR	2673	1998-03-12
dhalia	sagayaraj	dhaliasagayaraj@gmail.com	IT	5094	2020-07-21
nancy	flora	nancyflora@guvi.com	ADMIN	1539	2007-11-09
victor	winifred	victorwinifred@gmail.com	FINANCE	9948	2001-11-21
sai	eeswar	saieeswar@guvi.com	NETWORK	6980	2016-07-07
vimal	r	vimalr@gmail.com	HR	2013	2021-09-13
karthick	sundar	karthicksundar@gmail.com	ADMIN	901	2002-07-25
saranya	uday	saranyauday@guvi.com	FINANCE	5547	2003-08-13
muffrj	ismail	muffrjismail@gmail.com	NETWORK	4429	2015-02-05
hema	latha	hemalatha@guvi.com	IT	8909	1999-06-22
shanumga	vinayaga	shanumgavinayaga@gmail.com	ADMIN	3580	2015-11-02

Q2:
Query:
```
SELECT * FROM `worker` WHERE first_name like '%h'and length(first_name)=6;
```
Result:

Showing rows 0 - 2 (3 total, Query took 0.0005 seconds.)

```
SELECT * FROM `worker` WHERE first_name like '%h'and length(first_name)=6;
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 ⌄   Filter rows: Search this table

Extra options

first_name	last_name	email	department	salary	join_date
ramesh	johny	rameshjohny@guvi.com	IT	951	2018-01-16
ramesh	yaethoonu	rameshyaethoonu@guvi.com	IT	4332	2000-08-03
ramesh	shanmuga	rameshshanmuga@guvi.com	FINANCE	8260	2021-09-23

Q3:
Query:
```
select * from worker where email=CONCAT(first_name,last_name,"@guvi.com");
```
Result:

✅ Showing rows 0 - 26 (27 total, Query took 0.0007 seconds.)

```sql
select * from worker where email=CONCAT(first_name,last_name,"@guvi.com");
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 100 ▾ Filter rows: Search this table

Extra options

first_name	last_name	email	department	salary	join_date
sree	varshini	sreevarshini@guvi.com	HR	2866	2003-10-20
john	fredrick	johnfredrick@guvi.com	ADMIN	7315	2014-03-20
manian	sundar	maniansundar@guvi.com	NETWORK	1288	2016-11-17
ramesh	johny	rameshjohny@guvi.com	IT	951	2018-01-16
uday	chandran	udaychandran@guvi.com	FINANCE	9560	1998-05-29
nisha	manian	nishamanian@guvi.com	HR	2673	1998-03-12
nancy	flora	nancyflora@guvi.com	ADMIN	1539	2007-11-09
sai	eeswar	saieeswar@guvi.com	NETWORK	6980	2016-07-07
ramesh	yaethoonu	rameshyaethoonu@guvi.com	IT	4332	2000-08-03
saranya	uday	saranyauday@guvi.com	FINANCE	5547	2003-08-13
santosh	sravan	santoshsravan@guvi.com	HR	4166	2017-01-26
hema	latha	hemalatha@guvi.com	IT	8909	1999-06-22
ramesh	shanmuga	rameshshanmuga@guvi.com	FINANCE	8260	2021-09-23
mohammed	allah	mohammedallah@guvi.com	HR	5420	2018-03-27
krishna	kumar	krishnakumar@guvi.com	ADMIN	8355	2008-11-24
saravana	kumar	saravanakumar@guvi.com	NETWORK	5578	1998-11-04
Chelsea	Wright	ChelseaWright@guvi.com	IT	7779	1999-10-01
Alexander	Miller	AlexanderMiller@guvi.com	FINANCE	8605	2000-09-08
Amelia	Crawford	AmeliaCrawford@guvi.com	HR	9529	2010-06-17
Jordan	Montgomery	JordanMontgomery@guvi.com	ADMIN	3449	2011-08-25
Vivian	Fowler	VivianFowler@guvi.com	NETWORK	9067	2011-01-27
Sofia	Richards	SofiaRichards@guvi.com	IT	5903	2016-04-28

■ Console

Task 6:
Q1:
Query:
```sql
SELECT * FROM worker WHERE EXTRACT(YEAR FROM join_date)=2021 and EXTRACT(MONTH FROM join_date)=3;
```
Result:

✔️ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0150 seconds.)

SELECT * FROM worker WHERE EXTRACT(YEAR FROM join_date)=2021 and EXTRACT(MONTH FROM join_date)=3;

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

first_name	last_name	email	department	salary	join_date

Query: (since i have no data for the month March, no records were fetched. I will run another query with 9th month)
```sql
SELECT * FROM worker WHERE EXTRACT(YEAR FROM join_date)=2021 and EXTRACT(MONTH FROM join_date)=9;
```
Result:

✔️ Showing rows 0 - 1 (2 total, Query took 0.0005 seconds.)

SELECT * FROM worker WHERE EXTRACT(YEAR FROM join_date)=2021 and EXTRACT(MONTH FROM join_date)=9;

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 ⌄ | Filter rows: Search this table

Extra options

first_name	last_name	email	department	salary	join_date
vimal	r	vimalr@gmail.com	HR	2013	2021-09-13
ramesh	shanmuga	rameshshanmuga@guvi.com	FINANCE	8260	2021-09-23

☐ Show all | Number of rows: 25 ⌄ | Filter rows: Search this table

Q2:
Query:
```
SELECT first_name, last_name, COUNT(*) FROM worker GROUP BY first_name, last_name HAVING COUNT(*) > 1;
```
Result:

Your SQL query has been executed successfully.

```
SELECT first_name, last_name, COUNT(*) FROM worker GROUP BY first_name, last_name HAVING COUNT(*) > 1;
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Extra options

first_name	last_name	COUNT(*)
hema	latha	2

Q3:
Query:
```
delete from employee where s_no in ( SELECT s_no FROM (SELECT s_no,
ROW_NUMBER() OVER (PARTITION BY
first_name,last_name,email,department,salary,join_date ORDER BY
first_name,last_name,email,department,salary,join_date) AS row_num FROM
employee) AS a WHERE row_num>1);
```
Result:

✔ 1 row affected. (Query took 0.0007 seconds.)

```
delete from employee where s_no in ( SELECT s_no FROM (SELECT s_no, ROW_NUMBER() OVER (PARTITION BY first_name,last_name,email,department,salary,join_date ORDER BY first_name,last_name,email,department,salary,join_date) AS
row_num FROM employee) AS a WHERE row_num>1);
```

[Edit inline] [Edit] [Create PHP code]

Task 7:
Q1:
Query:
```
SELECT * FROM employee where s_no % 2 <> 0;
```
Result:

```
SELECT * FROM employee where s_no % 2 <> 0;
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 ⌄ | Filter rows: Search this table

Extra options

s_no	first_name	last_name	email	department	salary	join_date
1	sree	varshini	sreevarshini@guvi.com	HR	2866	2003-10-20
3	john	fredrick	johnfredrick@guvi.com	ADMIN	7315	2014-03-20
5	manian	sundar	maniansundar@guvi.com	NETWORK	1288	2016-11-17
7	ramesh	johny	rameshjohny@guvi.com	IT	951	2018-01-16
9	uday	chandran	udaychandran@guvi.com	FINANCE	9560	1998-05-29
11	nisha	manian	nishamanian@guvi.com	HR	2673	1998-03-12
13	nancy	flora	nancyflora@guvi.com	ADMIN	1539	2007-11-09
15	sai	eeswar	saieeswar@guvi.com	NETWORK	6980	2016-07-07
17	ramesh	yaethoonu	rameshyaethoonu@guvi.com	IT	4332	2000-08-03
19	saranya	uday	saranyauday@guvi.com	FINANCE	5547	2003-08-13
21	santosh	sravan	santoshsravan@guvi.com	HR	4166	2017-01-26
23	shanumga	vinayaga	shanumgavinayaga@gmail.com	ADMIN	3580	2015-11-02
25	jesus	christ	jesuschrist@gmail.com	NETWORK	4607	2005-01-17

☐ Show all | Number of rows: 25 ⌄ | Filter rows: Search this table

Q2:
Query:
```
CREATE TABLE IF NOT EXISTS worker_clone SELECT * FROM worker limit 25;
```
Result:

```
CREATE TABLE IF NOT EXISTS worker_clone SELECT * FROM worker limit 25;
```

[Edit inline] [Edit] [Create PHP code]

Task 8:
Q1:
Query:
```sql
SELECT a.* FROM `worker` a inner join worker_clone b on
a.first_name=b.first_name and a.last_name=b.last_name and a.email=b.email;
```
Result:

first_name	last_name	email	department	salary	join_date
sree	varshini	sreevarshini@guvi.com	HR	2866	2003-10-20
sai	sree	saisree@gmail.com	IT	9797	2019-09-24
john	fredrick	johnfredrick@guvi.com	ADMIN	7315	2014-03-20
vignesh	viswanth	vigneshviswanth@gmail.com	FINANCE	4548	2020-03-19
manian	sundar	maniansundar@guvi.com	NETWORK	1288	2016-11-17
divya	ganesh	divyaganesh@gmail.com	HR	9133	1999-06-11
ramesh	johny	rameshjohny@guvi.com	IT	951	2018-01-16
udhay	kumar	udhaykumar@gmail.com	ADMIN	8728	2014-05-02
uday	chandran	udaychandran@guvi.com	FINANCE	9560	1998-05-29
santosh	karthik	santoshkarthik@gmail.com	NETWORK	1454	2015-02-25
nisha	manian	nishamanian@guvi.com	HR	2673	1998-03-12
dhalia	sagayaraj	dhaliasagayaraj@gmail.com	IT	5094	2020-07-21
nancy	flora	nancyflora@guvi.com	ADMIN	1539	2007-11-09
victor	winifred	victorwinifred@gmail.com	FINANCE	9948	2001-11-21
sai	eeswar	saieeswar@guvi.com	NETWORK	6980	2016-07-07
vimal	r	vimalr@gmail.com	HR	2013	2021-09-13
ramesh	yaethoonu	rameshyaethoonu@guvi.com	IT	4332	2000-08-03
karthick	sundar	karthicksundar@gmail.com	ADMIN	901	2002-07-25
saranya	uday	saranyauday@guvi.com	FINANCE	5547	2003-08-13

Q2:

Query:

```
SELECT * FROM `worker` a left join worker_clone b on a.first_name=b.first_name
and a.last_name=b.last_name and a.email=b.email where b.first_name is null;
```

Result:

Showing rows 0 - 24 (25 total, Query took 0.0016 seconds.)

```
SELECT * FROM `worker` a left join worker_clone b on a.first_name=b.first_name and a.last_name=b.last_name and a.email=b.email where b.first_name
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: `100 ▾`   Filter rows: `Search this table`

Extra options

first_name	last_name	email	department	salary	join_date	first_name	last_name	email	department	salary	join_date
mohammed	allah	mohammedallah@guvi.com	HR	5420	2018-03-27	NULL	NULL	NULL	NULL	NULL	NULL
buddha	yogi	buddhayogi@gmail.com	IT	3381	2019-12-05	NULL	NULL	NULL	NULL	NULL	NULL
krishna	kumar	krishnakumar@guvi.com	ADMIN	8355	2008-11-24	NULL	NULL	NULL	NULL	NULL	NULL
shaleen	suri	shaleensuri@gmail.com	FINANCE	9837	1999-12-13	NULL	NULL	NULL	NULL	NULL	NULL
saravana	kumar	saravanakumar@guvi.com	NETWORK	5578	1998-11-04	NULL	NULL	NULL	NULL	NULL	NULL
Jacob	Higgins	JacobHiggins@gmail.com	HR	7493	2000-08-15	NULL	NULL	NULL	NULL	NULL	NULL
Chelsea	Wright	ChelseaWright@guvi.com	IT	7779	1999-10-01	NULL	NULL	NULL	NULL	NULL	NULL
Kelsey	Lloyd	KelseyLloyd@gmail.com	ADMIN	7013	2018-06-14	NULL	NULL	NULL	NULL	NULL	NULL
Alexander	Miller	AlexanderMiller@guvi.com	FINANCE	8605	2000-09-08	NULL	NULL	NULL	NULL	NULL	NULL
Ryan	Howard	RyanHoward@gmail.com	NETWORK	5098	2015-12-28	NULL	NULL	NULL	NULL	NULL	NULL
Amelia	Crawford	AmeliaCrawford@guvi.com	HR	9529	2010-06-17	NULL	NULL	NULL	NULL	NULL	NULL
Charlie	Henderson	CharlieHenderson@gmail.com	IT	4775	2018-04-30	NULL	NULL	NULL	NULL	NULL	NULL
Jordan	Montgomery	JordanMontgomery@guvi.com	ADMIN	3449	2011-08-25	NULL	NULL	NULL	NULL	NULL	NULL
Vincent	Carroll	VincentCarroll@gmail.com	FINANCE	8921	2008-02-27	NULL	NULL	NULL	NULL	NULL	NULL
Vivian	Fowler	VivianFowler@guvi.com	NETWORK	9067	2011-01-27	NULL	NULL	NULL	NULL	NULL	NULL
James	Montgomery	JamesMontgomery@gmail.com	HR	5032	2002-08-23	NULL	NULL	NULL	NULL	NULL	NULL
Sofia	Richards	SofiaRichards@guvi.com	IT	5903	2016-04-28	NULL	NULL	NULL	NULL	NULL	NULL
Justin	Williams	JustinWilliams@gmail.com	ADMIN	3340	2012-08-17	NULL	NULL	NULL	NULL	NULL	NULL
Penelope	Carroll	PenelopeCarroll@guvi.com	FINANCE	3688	2005-08-26	NULL	NULL	NULL	NULL	NULL	NULL
Lucas	Perry	LucasPerry@gmail.com	NETWORK	1413	2015-03-06	NULL	NULL	NULL	NULL	NULL	NULL
Jared	Higgins	JaredHiggins@guvi.com	HR	9046	2004-01-29	NULL	NULL	NULL	NULL	NULL	NULL

Task 9:
Q1:
Query:
```
SELECT * FROM `worker`LIMIT 15;
```
Result:

Showing rows 0 - 14 (15 total, Query took 0.0005 seconds.)

```
SELECT * FROM `worker`LIMIT 15;
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Extra options

first_name	last_name	email	department	salary	join_date
sree	varshini	sreevarshini@guvi.com	HR	2866	2003-10-20
sai	sree	saisree@gmail.com	IT	9797	2019-09-24
john	fredrick	johnfredrick@guvi.com	ADMIN	7315	2014-03-20
vignesh	viswanth	vigneshviswanth@gmail.com	FINANCE	4548	2020-03-19
manian	sundar	maniansundar@guvi.com	NETWORK	1288	2016-11-17
divya	ganesh	divyaganesh@gmail.com	HR	9133	1999-06-11
ramesh	johny	rameshjohny@guvi.com	IT	951	2018-01-16
udhay	kumar	udhaykumar@gmail.com	ADMIN	8728	2014-05-02
uday	chandran	udaychandran@guvi.com	FINANCE	9560	1998-05-29
santosh	karthik	santoshkarthik@gmail.com	NETWORK	1454	2015-02-25
nisha	manian	nishamanian@guvi.com	HR	2673	1998-03-12
dhalia	sagayaraj	dhaliasagayaraj@gmail.com	IT	5094	2020-07-21
nancy	flora	nancyflora@guvi.com	ADMIN	1539	2007-11-09
victor	winifred	victorwinifred@gmail.com	FINANCE	9948	2001-11-21
sai	eeswar	saieeswar@guvi.com	NETWORK	6980	2016-07-07

Q2:
Query:
```
select * from worker order by salary desc LIMIT 9,1;
```
Result:

Showing rows 9 - 9 (1 total, Query took 0.0005 seconds.) [salary: 8921... - 8921...]

```
select * from worker order by salary desc LIMIT 9,1;
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Extra options

first_name	last_name	email	department	salary	join_date
Vincent	Carroll	VincentCarroll@gmail.com	FINANCE	8921	2008-02-27

Task 10:

Q1:
Query:
```
SELECT first_name, salary FROM worker AS emp1 WHERE 8-1 = (SELECT
COUNT(DISTINCT salary) FROM worker AS emp2 WHERE emp2.salary > emp1.salary);
```
Result:

✔ Showing rows 0 - 0 (1 total, Query took 0.0049 seconds.)

SELECT first_name, salary FROM worker AS emp1 WHERE 8-1 = (SELECT COUNT(DISTINCT salary) FROM worker AS emp2 WHERE emp2.salary > emp1.salary);

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 ▾ Filter rows: Search this table

Extra options

first_name	salary
Vivian	9067

Q2:
Query:
```
select * from worker where salary in (select salary from worker group by salary
having count(1)>1);
```
Result

✔ Showing rows 0 - 1 (2 total, Query took 0.0012 seconds.)

select * from worker where salary in (select salary from worker group by salary having count(1)>1);

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 ▾ Filter rows: Search this table

Extra options

first_name	last_name	email	department	salary	join_date
hema	latha	hemalatha@guvi.com	IT	8909	1999-06-22
hema	latha	hemalatha@guvi.com	IT	8909	1999-06-22

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