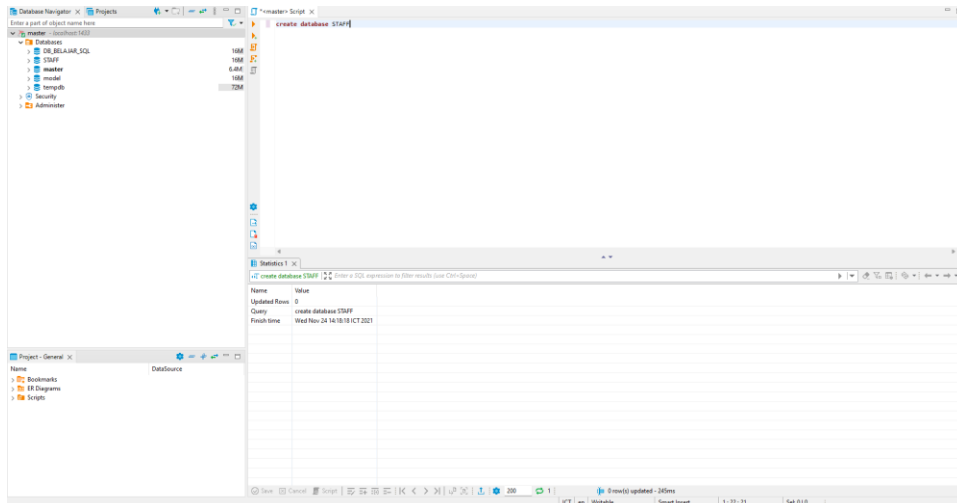Do it yourself

Nama   : Muhammad Fikri Azhar

Kode   : FSDO002ONL009

Tugas   : Assignment 2

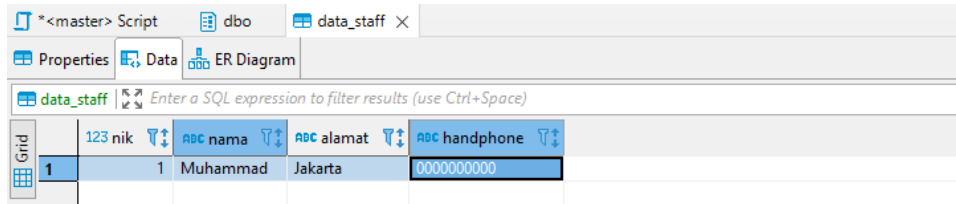## Soal a

Soal b

```
create table data_staff (
nik int primary key,
nama varchar(50) null,
alamat varchar(200) null,
handphone varchar (15) null)
```

Soal c

```sql
INSERT into data_staff
values ('1','Muhammad','Jakarta','0000000000');
```

	123 nik	ABC nama	ABC alamat	ABC handphone
1	1	Muhammad	Jakarta	0000000000

Soal d

```sql
INSERT into data_staff
values ('2','Fikri','Bandung','0000000001'),
('3','Azhar','Surabaya','0000000002'),
('4','Melin','Banten','0000000003'),
('5','Meliyani','Surakarta','0000000004'),
('6','Arifaldo','Padang','0000000005'),
('7','Afif','Balikpapan','0000000006');
```

```
nik|nama     |alamat     |handphone  |
---+---------+-----------+-----------+
  1|Muhammad |Jakarta    |0000000000 |
  2|Fikri    |Bandung    |0000000001 |
  3|Azhar    |Surabaya   |0000000002 |
  4|Melin    |Banten     |0000000003 |
  5|Meliyani |Surakarta  |0000000004 |
  6|Arifaldo |Padang     |0000000005 |
  7|Afif     |Balikpapan |0000000006 |
```

Soal e

```sql
update data_staff
set joindate ='2021-11-24';
```

```
nik|nama     |alamat     |handphone |joindate  |
---+---------+-----------+----------+----------+
  1|Muhammad|Jakarta    |0000000000|2021-11-24|
  2|Fikri    |Bandung    |0000000001|2021-11-24|
  3|Azhar    |Surabaya   |0000000002|2021-11-24|
  4|Melin    |Banten     |0000000003|2021-11-24|
  5|Meliyani|Surakarta  |0000000004|2021-11-24|
  6|Arifaldo|Padang     |0000000005|2021-11-24|
  7|Afif     |Balikpapan|0000000006|2021-11-24|
```

Soal f

```
select * from data_staff
WHERE nik BETWEEN 1 and 2;
```

```
nik|nama     |alamat |handphone |joindate  |
---+---------+-------+----------+----------+
  1|Muhammad|Jakarta|0000000000|2021-11-24|
  2|Fikri    |Bandung|0000000001|2021-11-24|
```

Soal g

```
select * from data_staff
WHERE nik BETWEEN 1 and 3;
```

```
nik|nama     |alamat   |handphone |joindate  |
---+---------+---------+----------+----------+
  1|Muhammad|Jakarta  |0000000000|2021-11-24|
  2|Fikri    |Bandung  |0000000001|2021-11-24|
  3|Azhar    |Surabaya|0000000002|2021-11-24|
```

Soal h

```
create table staffoutsource (
nik int primary key,
nama varchar(50) null,
alamat varchar(200) null,
handphone varchar(15) null,
joindate date null);
```

	Column Name	#	Type	Length	Scale	Precision	Not Null	Identity	Default	Collation	Description
123	nik	1	int	4		10	[v]	[ ]			
ABC	nama	2	varchar	50			[ ]	[ ]		SQL_Latin1_General_CP1_CI_AS	
ABC	alamat	3	varchar	200			[ ]	[ ]		SQL_Latin1_General_CP1_CI_AS	
ABC	handphone	4	varchar	15			[ ]	[ ]		SQL_Latin1_General_CP1_CI_AS	
⏰	joindate	5	date	3		10	[ ]	[ ]			

Table Name: staffoutsource
ID: 613577224
Object description (comment):
Type: U

Columns
Unique Keys
Check constraints
Foreign Keys
Indexes
References
Triggers
Extended Properties
Statistics
DDL
Virtual

Soal i

```sql
insert into staffoutsource
values
('1','Ilham','Jakarta','0000000000','2021-01-01'),
('2','Wijaya','Bandung','0000000001','2021-01-01'),
('3','Sri','Surabaya','0000000002','2021-02-03'),
('4','Hayati','Banten','0000000003','2021-02-04'),
('5','Mulyadi','Surakarta','0000000004','2021-02-06'),
('6','Eka','Padang','0000000005','2021-04-01'),
('7','Kurnia','Balikpapan','0000000006','2021-04-02'),
('8','Putra','Bandung','0000000007','2021-04-11'),
('9','Ami','Surabaya','0000000008','2021-04-14'),
('10','Yani','Jakarta','0000000009','2021-05-01');
```

```
nik|nama    |alamat     |handphone |joindate   |
---+--------+-----------+----------+-----------+
  1|Ilham   |Jakarta    |0000000000|2021-01-01|
  2|Wijaya  |Bandung    |0000000001|2021-01-01|
  3|Sri     |Surabaya   |0000000002|2021-02-03|
  4|Hayati  |Banten     |0000000003|2021-02-04|
  5|Mulyadi |Surakarta  |0000000004|2021-02-06|
  6|Eka     |Padang     |0000000005|2021-04-01|
  7|Kurnia  |Balikpapan |0000000006|2021-04-02|
  8|Putra   |Bandung    |0000000007|2021-04-11|
  9|Ami     |Surabaya   |0000000008|2021-04-14|
 10|Yani    |Jakarta    |0000000009|2021-05-01|
```

Soal j

```sql
select *
from data_staff
inner join staffoutsource on data_staff.joindate = staffoutsource.joindate ;
```

```
nik|nama   |alamat    |handphone |joindate  |nik|nama   |alamat    |handphone |joindate  |
---+-------+----------+----------+----------+---+-------+----------+----------+----------+
  4|Hayati |Banten    |0000000003|2021-02-04|  4|Melin  |Banten    |0000000003|2021-02-04|
  5|Mulyadi|Surakarta |0000000004|2021-02-06|  5|Meliyani|Surakarta|0000000014|2021-02-06|
  6|Eka    |Padang    |0000000005|2021-04-01|  6|Arifaldo|Padang   |0000000005|2021-04-01|
  7|Kurnia |Balikpapan|0000000006|2021-04-02|  7|Afif   |Balikpapan|0000000016|2021-04-02|
  9|Ami    |Surabaya  |0000000008|2021-04-14|  9|Amory  |Surabaya  |0000000008|2021-04-14|
 10|Yani   |Jakarta   |0000000009|2021-05-01| 10|Candra |Jakarta   |0000000019|2021-05-01|
```

Soal k

```sql
select *
from data_staff
right join staffoutsource on data_staff.joindate = staffoutsource.joindate
order by data_staff.joindate;
```

```
nik|nama   |alamat    |handphone |joindate  |nik|nama   |alamat    |handphone |joindate  |
---+-------+----------+----------+----------+---+-------+----------+----------+----------+
   |       |          |          |          |  1|Muhammad|Jakarta  |0000000010|2020-01-01|
   |       |          |          |          |  2|Fikri  |Bandung   |0000000011|2021-11-01|
   |       |          |          |          |  3|Azhar  |Surabaya  |0000000012|2011-02-03|
   |       |          |          |          |  8|Tomo   |Bandung   |0000000017|2020-04-11|
  4|Hayati |Banten    |0000000003|2021-02-04|  4|Melin  |Banten    |0000000003|2021-02-04|
  5|Mulyadi|Surakarta |0000000004|2021-02-06|  5|Meliyani|Surakarta|0000000014|2021-02-06|
  6|Eka    |Padang    |0000000005|2021-04-01|  6|Arifaldo|Padang   |0000000005|2021-04-01|
  7|Kurnia |Balikpapan|0000000006|2021-04-02|  7|Afif   |Balikpapan|0000000016|2021-04-02|
  9|Ami    |Surabaya  |0000000008|2021-04-14|  9|Amory  |Surabaya  |0000000008|2021-04-14|
 10|Yani   |Jakarta   |0000000009|2021-05-01| 10|Candra |Jakarta   |0000000019|2021-05-01|
```

Soal l

```sql
select *
from data_staff
left join staffoutsource on data_staff.joindate = staffoutsource.joindate
order by data_staff.joindate;
```

```
nik|nama   |alamat    |handphone |joindate  |nik|nama   |alamat    |handphone |joindate  |
---+-------+----------+----------+----------+---+-------+----------+----------+----------+
  1|Ilham  |Jakarta   |0000000000|2021-01-01|   |       |          |          |          |
  2|Wijaya |Bandung   |0000000001|2021-01-01|   |       |          |          |          |
  3|Sri    |Surabaya  |0000000002|2021-02-03|   |       |          |          |          |
  4|Hayati |Banten    |0000000003|2021-02-04|  4|Melin  |Banten    |0000000003|2021-02-04|
  5|Mulyadi|Surakarta |0000000004|2021-02-06|  5|Meliyani|Surakarta|0000000014|2021-02-06|
  6|Eka    |Padang    |0000000005|2021-04-01|  6|Arifaldo|Padang   |0000000005|2021-04-01|
  7|Kurnia |Balikpapan|0000000006|2021-04-02|  7|Afif   |Balikpapan|0000000016|2021-04-02|
  8|Putra  |Bandung   |0000000007|2021-04-11|   |       |          |          |          |
  9|Ami    |Surabaya  |0000000008|2021-04-14|  9|Amory  |Surabaya  |0000000008|2021-04-14|
 10|Yani   |Jakarta   |0000000009|2021-05-01| 10|Candra |Jakarta   |0000000019|2021-05-01|
```

Soal m

```sql
select * from data_staff
union all
select * from staffoutsource;
```

```
nik|nama     |alamat    |handphone |joindate  |
---+---------+----------+----------+----------+
  1|Ilham    |Jakarta   |0000000000|2021-01-01|
  2|Wijaya   |Bandung   |0000000001|2021-01-01|
  3|Sri      |Surabaya  |0000000002|2021-02-03|
  4|Hayati   |Banten    |0000000003|2021-02-04|
  5|Mulyadi  |Surakarta |0000000004|2021-02-06|
  6|Eka      |Padang    |0000000005|2021-04-01|
  7|Kurnia   |Balikpapan|0000000006|2021-04-02|
  8|Putra    |Bandung   |0000000007|2021-04-11|
  9|Ami      |Surabaya  |0000000008|2021-04-14|
 10|Yani     |Jakarta   |0000000009|2021-05-01|
  1|Muhammad |Jakarta   |0000000010|2020-01-01|
  2|Fikri    |Bandung   |0000000011|2021-11-01|
  3|Azhar    |Surabaya  |0000000012|2011-02-03|
  4|Melin    |Banten    |0000000003|2021-02-04|
  5|Meliyani |Surakarta |0000000014|2021-02-06|
  6|Arifaldo |Padang    |0000000005|2021-04-01|
  7|Afif     |Balikpapan|0000000016|2021-04-02|
  8|Tomo     |Bandung   |0000000017|2020-04-11|
  9|Amory    |Surabaya  |0000000008|2021-04-14|
 10|Candra   |Jakarta   |0000000019|2021-05-01|
```