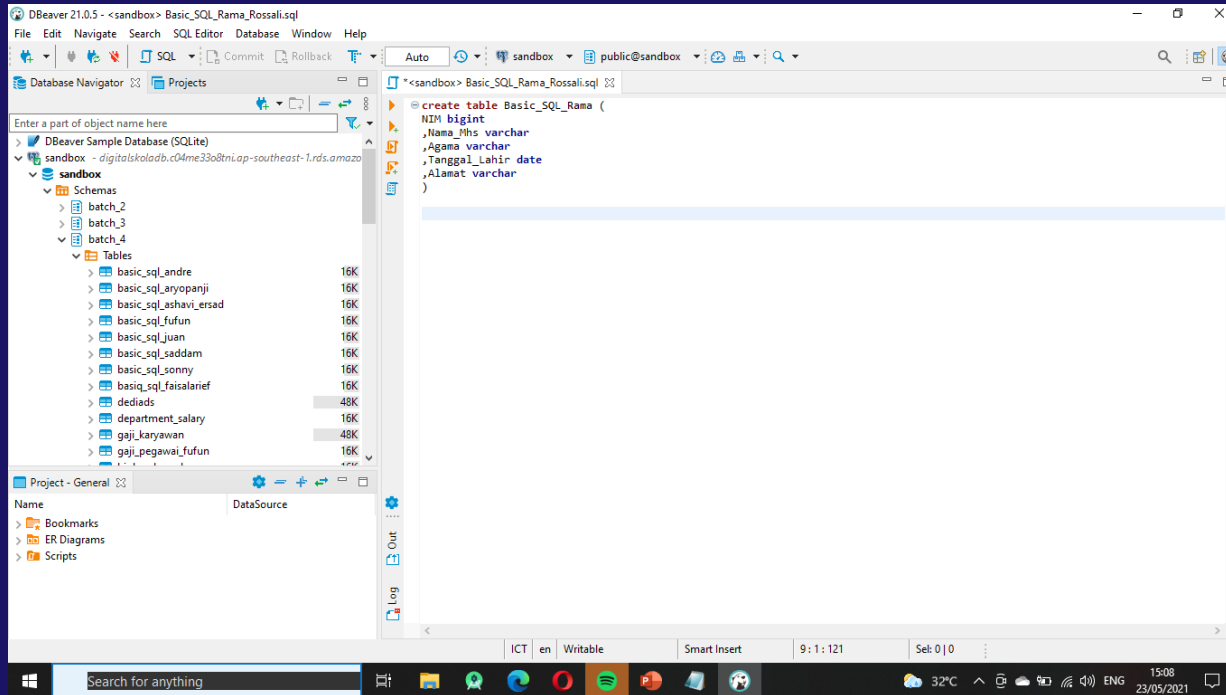


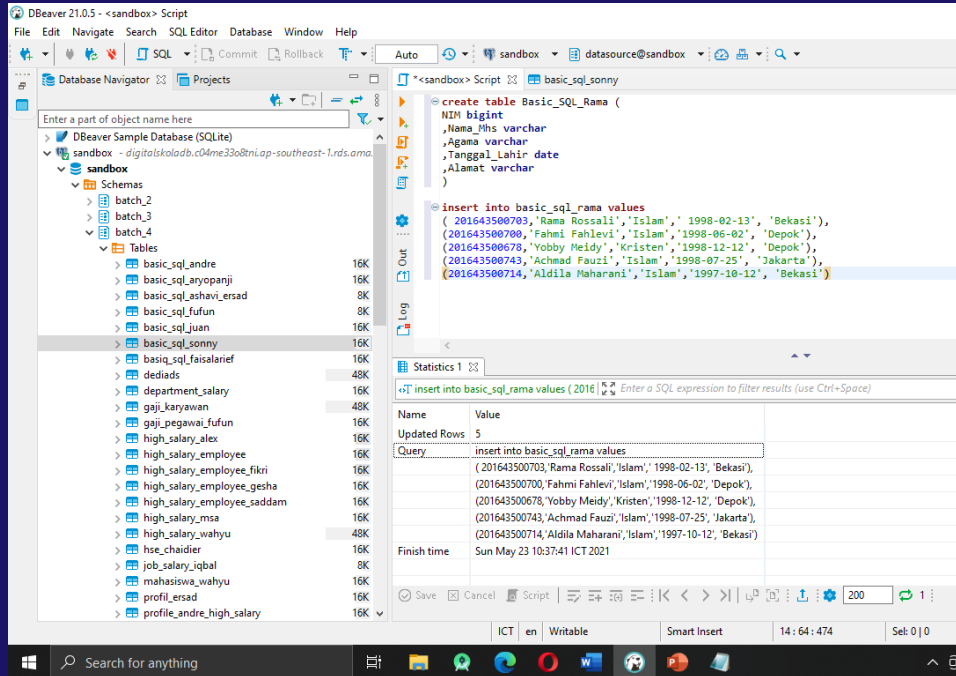
Homework 2 - Basic SQL



Step 1 : Pembuatan Table



Step 2 : Pengisian Table



DBeaver 21.0.5 - <sandbox> Script

File Edit Navigate Search SQL Editor Database Window Help

Auto sandbox datasource@sandbox

Database Navigator Projects

Enter a part of object name here

DBeaver Sample Database (SQLite)

sandbox - digitalskoladb.c04me33o8tni.ap-southeast-1.rds.amazonaws.com

sandbox

Schemas

batch_2

batch_3

batch_4

Tables

basic_sql_andre 16K

basic_sql_ayopani 16K

basic_sql_ashavi_ersad 8K

basic_sql_fufun 8K

basic_sql_juan 16K

basic_sql_sonny 16K

basia_sql_faialarief 16K

dediads 48K

department_salary 16K

gaji_karyawan 48K

gaji_pegawai_fufun 16K

high_salary_alex 16K

high_salary_employee 16K

high_salary_employee_fikri 16K

high_salary_employee_gesha 16K

high_salary_employee_saddam 16K

high_salary_msa 16K

high_salary_wahyu 48K

hse_chaidier 16K

job_salary_igbal 8K

mahasiswa_wahyu 16K

profil_ersad 16K

profile_andre_high_salary 16K

SQL Editor

```
create table Basic_SQL_Rama (
  NIM bigint
  ,Nama_Mhs varchar
  ,Agama varchar
  ,Tanggal_Lahir date
  ,Alamat varchar
)

insert into basic_sql_rama values
( 201643500703,'Rama Rossali','Islam','1998-02-13','Bekasi'),
(201643500700,'Fahmi Fahlevi','Islam','1998-06-02','Depok'),
(201643500678,'Yobby Meidy','Kristen','1998-12-12','Depok'),
(201643500743,'Achmad Fauzi','Islam','1998-07-25','Jakarta'),
(201643500714,'Aldila Maharani','Islam','1997-10-12','Bekasi')
```

Statistics 1

insert into basic_sql_rama values (2016)

Name Value

Updated Rows 5

Query insert into basic_sql_rama values

Finish time Sun May 23 10:37:41 ICT 2021

Save Cancel Script

ICT en Writable Smart Insert 14: 64 : 474 Sek 0 | 0

Output

select * from basic_sql_rama

	nim	nama_mhs	agama	tanggal_lahir	alamat
1	201,643,500,703	Rama Rossali	Islam	1998-02-13	Bekasi
2	201,643,500,700	Fahmi Fahlevi	Islam	1998-06-02	Depok
3	201,643,500,678	Yobby Meidy	Kristen	1998-12-12	Depok
4	201,643,500,743	Achmad Fauzi	Islam	1998-07-25	Jakarta
5	201,643,500,714	Aldila Maharani	Islam	1997-10-12	Bekasi

Step 3 : Penambahan Table

DBeaver 21.0.5 - <sandbox> Script

File Edit Navigate Search SQL Editor Database Window Help

Auto sandbox datasource@sandbox

Database Navigator Projects

Enter a part of object name here

- gaji_pegawai_fufun 16K
- high_salary_alex 16K
- high_salary_employee 16K
- high_salary_employee_fikri 16K
- high_salary_employee_gesha 16K
- high_salary_employee_saddam 16K
- high_salary_msa 16K
- high_salary_wahyu 48K
- hse_chaidier 16K
- job_salary_iqbal 8K
- mahasiswa_wahyu 16K
- profil_ersad 16K
- profile_andre_high_salary 16K
- profile_aryo 16K
- profile_cardano_iqbal 16K
- profile_dedi 16K
- profile_faishal 16K
- profile_hasna 16K
- profile_msa 16K
- profile_rama 16K
- profile_risdi 8K
- profile_risdi_2 16K
- profile_tyo 16K
- profile_wahyu 16K
- social_network_ads_csv 48K
- test_3 48K
- test_agil 48K
- test_alex_csv 48K
- test_andre 48K
- test_aryo 48K
- test_chaidier 48K

```
create table Basic_SQL_Rama (  
  NIM float  
  ,Nama_Mhs varchar  
  ,Agama varchar  
  ,Tanggal_Lahir date  
  ,Alamat varchar  
)  
  
insert into basic_sql_rama values  
( 201643500703,'Rama Rossali','Islam','1998-02-13','Bekasi'),  
(201643500700,'Fahmi Fahlevi','Islam','1998-06-02','Depok'),  
(201643500678,'Yobby Meidy','Kristen','1998-12-12','Depok'),  
(201643500743,'Achmad Fauzi','Islam','1998-07-25','Jakarta'),  
(201643500714,'Aldila Maharani','Islam','1997-10-12','Bekasi')  
  
select * from basic_sql_rama;  
  
alter table basic_sql_rama add Cita_Cita varchar;
```

basic_sql_rama 1

select * from basic_sql_rama


	nim	nama_mhs	agama	tanggal_lahir	alamat	cita_cita
1	201,643,500,703	Rama Rossali	Islam	1998-02-13	Bekasi	[NULL]
2	201,643,500,700	Fahmi Fahlevi	Islam	1998-06-02	Depok	[NULL]
3	201,643,500,678	Yobby Meidy	Kristen	1998-12-12	Depok	[NULL]
4	201,643,500,743	Achmad Fauzi	Islam	1998-07-25	Jakarta	[NULL]
5	201,643,500,714	Aldila Maharani	Islam	1997-10-12	Bekasi	[NULL]

Save Cancel Script

Rows: 1

ICT en Writable Smart Insert 18 : 50 : 559 Sel: 0 | 0

10:54 23/05/2021



Step 4 : Pengisian Table Cita-Cita

```
DBEaver 21.0.5 - <sandbox> Script
File Edit Navigate Search SQL Editor Database Window Help
SQL Commit Rollback Auto sandbox datasource@sandbox
*<sandbox> Script basic_sql_sonny

-- create table Basic_SQL_Rama (
--   NIM float
--   ,Nama_Mhs varchar
--   ,Agama varchar
--   ,Tanggal_Lahir date
--   ,Alamat varchar
-- )

-- insert into basic_sql_rama values
-- ( 201643500703,'Rama Rossali','Islam','1998-02-13','Bekasi'),
-- (201643500700,'Fahmi Fahlevi','Islam','1998-06-02','Depok'),
-- (201643500678,'Yobby Meidy','Kristen','1998-12-12','Depok'),
-- (201643500743,'Achmad Fauzi','Islam','1998-07-25','Jakarta'),
-- (201643500714,'Aldila Maharani','Islam','1997-10-12','Bekasi')

-- select * from basic_sql_rama;

-- alter table Basic_SQL_Rama add Cita_Cita varchar;

-- update basic_sql_rama
-- set cita_cita = 'Data Scientist'
-- where nim = 201643500703

-- update basic_sql_rama
-- set cita_cita = 'Wirausaha'
-- where nim = 201643500700

-- update basic_sql_rama
-- set cita_cita = 'Desainer'
-- where nim = 201643500678

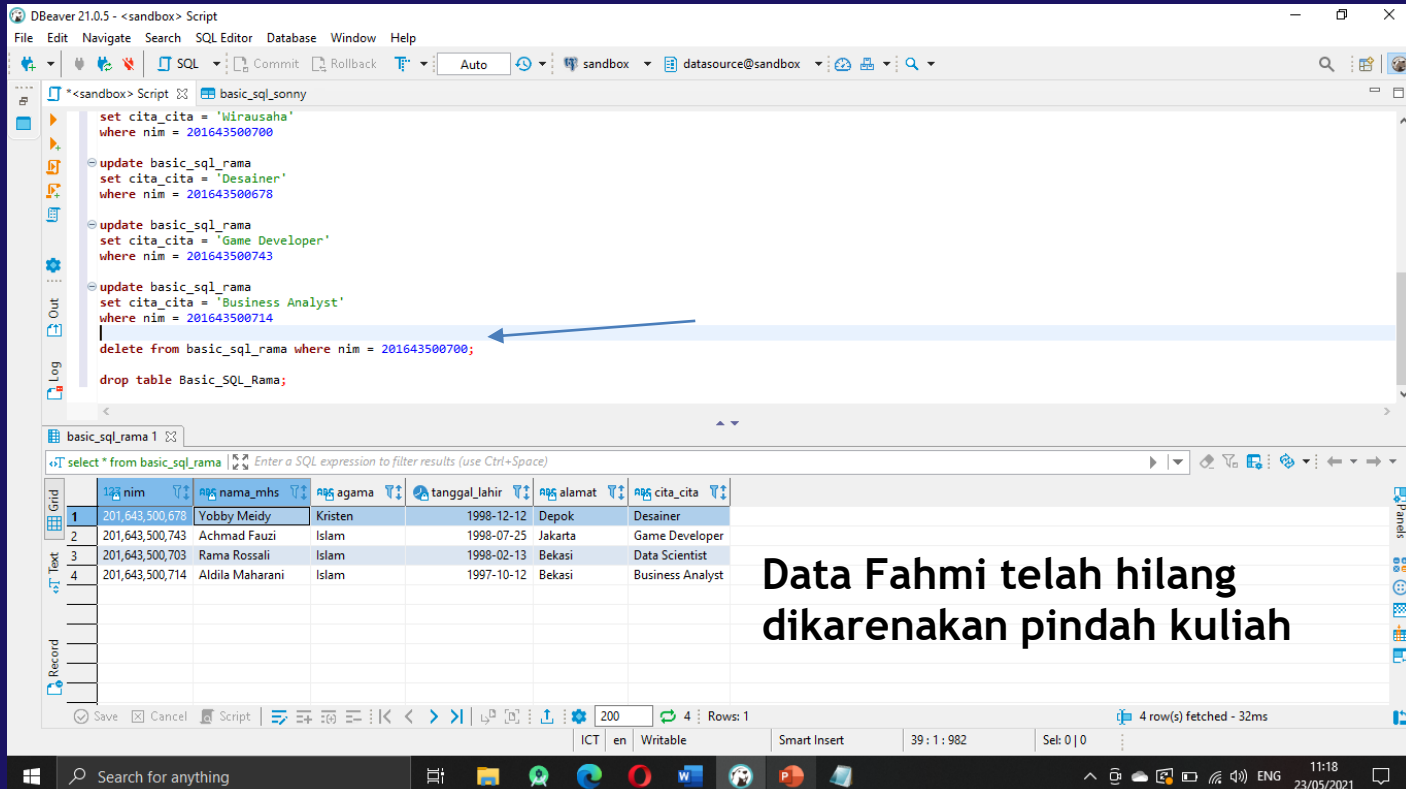
-- update basic_sql_rama
-- set cita_cita = 'Game Developer'
-- where nim = 201643500743

-- update basic_sql_rama
-- set cita_cita = 'Business Analyst'
-- where nim = 201643500714
```

Output

basic_sql_rama						
select * from basic_sql_rama						
	nim	nama_mhs	agama	tanggal_lahir	alamat	cita_cita
1	201,643,500,700	Fahmi Fahlevi	Islam	1998-06-02	Depok	Wirausaha
2	201,643,500,678	Yobby Meidy	Kristen	1998-12-12	Depok	Desainer
3	201,643,500,743	Achmad Fauzi	Islam	1998-07-25	Jakarta	Game Developer
4	201,643,500,703	Rama Rossali	Islam	1998-02-13	Bekasi	Data Scientist
5	201,643,500,714	Aldila Maharani	Islam	1997-10-12	Bekasi	Business Analyst

Step 5 : Penghapusan Data Pada Table



The screenshot displays the DBeaver 21.0.5 interface. The top pane shows a SQL script with the following content:

```
set cita_cita = 'Wirausaha'
where nim = 201643500700

update basic_sql_rama
set cita_cita = 'Desainer'
where nim = 201643500678

update basic_sql_rama
set cita_cita = 'Game Developer'
where nim = 201643500743

update basic_sql_rama
set cita_cita = 'Business Analyst'
where nim = 201643500714

delete from basic_sql_rama where nim = 201643500700;

drop table Basic_SQL_Rama;
```

A blue arrow points to the delete statement. The bottom pane shows the table 'basic_sql_rama' with the following data:

	nim	nama_mhs	agama	tanggal_lahir	alamat	cita_cita
1	201,643,500,678	Yobby Meidy	Kristen	1998-12-12	Depok	Desainer
2	201,643,500,743	Achmad Fauzi	Islam	1998-07-25	Jakarta	Game Developer
3	201,643,500,703	Rama Rossali	Islam	1998-02-13	Bekasi	Data Scientist
4	201,643,500,714	Aldila Maharani	Islam	1997-10-12	Bekasi	Business Analyst

The status bar indicates '4 row(s) fetched - 32ms'.

Data Fahmi telah hilang dikarenakan pindah kuliah