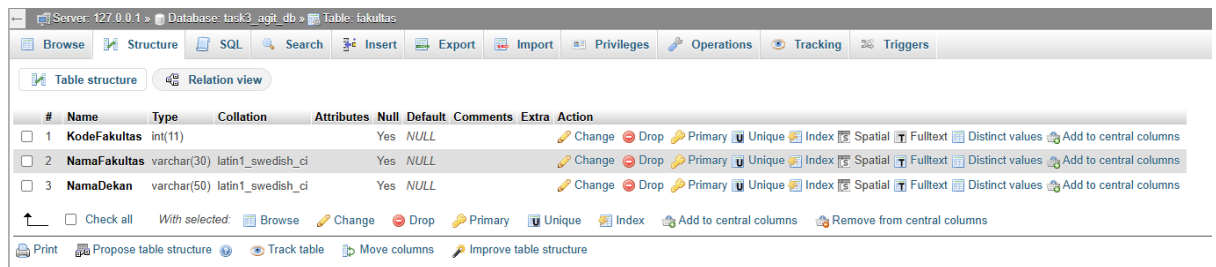


Task 3

1. Buat Tabel Fakultas

```
CREATE TABLE Fakultas (  
    KodeFakultas INT,  
    NamaFakultas VARCHAR(30),  
    NamaDekan VARCHAR(50)  
);
```

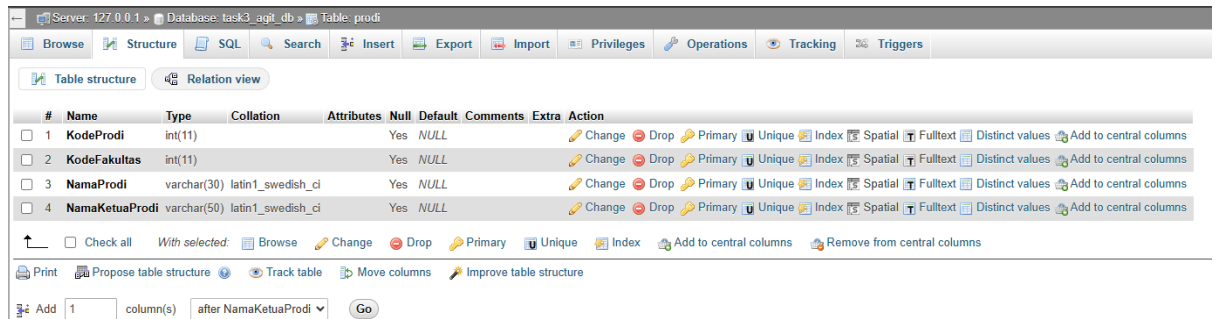


The screenshot shows the MySQL Table Structure window for the 'fakultas' table. The table has three columns: 'KodeFakultas' (INT(11)), 'NamaFakultas' (VARCHAR(30)), and 'NamaDekan' (VARCHAR(50)). All columns are set to 'Yes' for 'Null' and 'NULL' for 'Default'. The 'Primary' key is set for all three columns. The 'Collation' for the VARCHAR columns is 'latin1_swedish_ci'. The 'Extra' column is empty for all three columns. The 'Action' column contains links for 'Change', 'Drop', 'Primary', 'Unique', 'Index', 'Spatial', 'Fulltext', 'Distinct values', and 'Add to central columns'.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	KodeFakultas	int(11)			Yes	NULL			Change Drop Primary Unique Index Spatial Fulltext Distinct values Add to central columns
2	NamaFakultas	varchar(30)	latin1_swedish_ci		Yes	NULL			Change Drop Primary Unique Index Spatial Fulltext Distinct values Add to central columns
3	NamaDekan	varchar(50)	latin1_swedish_ci		Yes	NULL			Change Drop Primary Unique Index Spatial Fulltext Distinct values Add to central columns

2. Tabel Prodi

```
CREATE TABLE Prodi (  
    KodeProdi INT,  
    KodeFakultas INT,  
    NamaProdi VARCHAR(30),  
   >NamaKetuaProdi VARCHAR(50)  
);
```



The screenshot shows the MySQL Table Structure window for the 'prodi' table. The table has four columns: 'KodeProdi' (INT(11)), 'KodeFakultas' (INT(11)), 'NamaProdi' (VARCHAR(30)), and 'NamaKetuaProdi' (VARCHAR(50)). All columns are set to 'Yes' for 'Null' and 'NULL' for 'Default'. The 'Primary' key is set for all four columns. The 'Collation' for the VARCHAR columns is 'latin1_swedish_ci'. The 'Extra' column is empty for all four columns. The 'Action' column contains links for 'Change', 'Drop', 'Primary', 'Unique', 'Index', 'Spatial', 'Fulltext', 'Distinct values', and 'Add to central columns'.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	KodeProdi	int(11)			Yes	NULL			Change Drop Primary Unique Index Spatial Fulltext Distinct values Add to central columns
2	KodeFakultas	int(11)			Yes	NULL			Change Drop Primary Unique Index Spatial Fulltext Distinct values Add to central columns
3	NamaProdi	varchar(30)	latin1_swedish_ci		Yes	NULL			Change Drop Primary Unique Index Spatial Fulltext Distinct values Add to central columns
4	NamaKetuaProdi	varchar(50)	latin1_swedish_ci		Yes	NULL			Change Drop Primary Unique Index Spatial Fulltext Distinct values Add to central columns

3. Tabel Mahasiswa

```
CREATE TABLE Mahasiswa (  
    NPM CHAR(8) PRIMARY KEY,  
    KodeProdi INT,  
   >NamaMahasiswa VARCHAR(50),  
    TempatLahir VARCHAR(30),  
    TanggalLahir DATE,  
    Alamat VARCHAR(100),  
    CONSTRAINT FK_Mahasiswa_Prodi  
    FOREIGN KEY (KodeProdi)  
    REFERENCES Prodi (KodeProdi)
```

);

Server: 127.0.0.1 » Database: task3_agil_db » Table: mahasiswa

Table structure | Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	NPM	char(8)	latin1_swedish_ci		No	None			Change Drop Primary Unique Index Spatial Fulltext Distinct values Add to central columns
2	KodeProdi	int(11)			Yes	NULL			Change Drop Primary Unique Index Spatial Fulltext Distinct values Add to central columns
3	NamaMahasiswa	varchar(50)	latin1_swedish_ci		Yes	NULL			Change Drop Primary Unique Index Spatial Fulltext Distinct values Add to central columns
4	TempatLahir	varchar(30)	latin1_swedish_ci		Yes	NULL			Change Drop Primary Unique Index Spatial Fulltext Distinct values Add to central columns
5	TanggalLahir	date			Yes	NULL			Change Drop Primary Unique Index Spatial Fulltext Distinct values Add to central columns
6	Alamat	varchar(100)	latin1_swedish_ci		Yes	NULL			Change Drop Primary Unique Index Spatial Fulltext Distinct values Add to central columns

Check all With selected: Browse Change Drop Primary Unique Index Add to central columns Remove from central columns

Print Propose table structure Track table Move columns Improve table structure

Add 1 column(s) after Alamat Go

Indexes

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
Edit Drop	PRIMARY	BTREE	Yes	No	NPM	0	A	No	
Edit Drop	FK_Mahasiswa_Prodi	BTREE	No	No	KodeProdi	0	A	Yes	

4. Buat query untuk menjadikan KodeFakultas sebagai primary key dari table Fakultas dan jalankan query tersebut!

ALTER TABLE Fakultas

ADD CONSTRAINT PK_Fakultas PRIMARY KEY (KodeFakultas);

Server: 127.0.0.1 » Database: task3_agil_db » Table: fakultas

Table structure | Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	KodeFakultas	int(11)			No	None			Change Drop Primary Unique Index Spatial Fulltext Distinct values Add to central columns
2	NamaFakultas	varchar(30)	latin1_swedish_ci		Yes	NULL			Change Drop Primary Unique Index Spatial Fulltext Distinct values Add to central columns
3	NamaDekan	varchar(50)	latin1_swedish_ci		Yes	NULL			Change Drop Primary Unique Index Spatial Fulltext Distinct values Add to central columns

Check all With selected: Browse Change Drop Primary Unique Index Add to central columns Remove from central columns

Print Propose table structure Track table Move columns Improve table structure

Add 1 column(s) after NamaDekan Go

Indexes

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
Edit Drop	PRIMARY	BTREE	Yes	No	KodeFakultas	0	A	No	

Create an index on 1 columns Go

5. Buatlah query untuk menjadikan secara bersama KodeProdi dan KodeFakultas sebagai primary key dan jalankan query tersebut!

Step 1:

ALTER TABLE Prodi

ADD CONSTRAINT PK_Prodi PRIMARY KEY (KodeProdi);

Step 2:

ALTER TABLE Prodi

ADD CONSTRAINT FK_Prodi_Fakultas

FOREIGN KEY (KodeFakultas)

REFERENCES Fakultas (KodeFakultas);

Result:

Server: 127.0.0.1 » Database: task3_agit_db » Table: prodi

Table structure

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	KodeProdi	int(11)			No	None			Change Drop Primary Unique Index Spatial Fulltext Distinct values Add to central columns
2	KodeFakultas	int(11)			No	None			Change Drop Primary Unique Index Spatial Fulltext Distinct values Add to central columns
3	NamaProdi	varchar(30)	latin1_swedish_ci		Yes	NULL			Change Drop Primary Unique Index Spatial Fulltext Distinct values Add to central columns
4	NamaKetuaProdi	varchar(50)	latin1_swedish_ci		Yes	NULL			Change Drop Primary Unique Index Spatial Fulltext Distinct values Add to central columns

Indexes

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
Edit Drop	PRIMARY	BTREE	Yes	No	KodeProdi	0	A	No	
Edit Drop	FK_Prodi_Fakultas	BTREE	No	No	KodeFakultas	0	A	No	

6. a) Data Fakultas

INSERT INTO Fakultas (KodeFakultas, NamaFakultas, NamaDekan) VALUES

(1, 'Teknik', 'Ahmad Riyadi'),

(2, 'Pertanian', 'Paiman'),

(3, 'Ekonomi', 'Sukhemi'),

(4, 'Keguruan', 'Suhami');

Server: 127.0.0.1 » Database: task3_agit_db » Table: fakultas

Showing rows 0 - 3 (4 total, Query took 0.0017 seconds.)

SELECT * FROM `fakultas`

Number of rows: 25 Filter rows: Search this table Sort by key: None

	KodeFakultas	NamaFakultas	NamaDekan
<input type="checkbox"/> Edit Copy Delete	1	Teknik	Ahmad Riyadi
<input type="checkbox"/> Edit Copy Delete	2	Pertanian	Paiman
<input type="checkbox"/> Edit Copy Delete	3	Ekonomi	Sukhemi
<input type="checkbox"/> Edit Copy Delete	4	Keguruan	Suhami

Check all With selected: Edit Copy Delete Export

b) Data Prodi

INSERT INTO Prodi (KodeProdi, KodeFakultas, NamaProdi,>NamaKetuaProdi) VALUES

(11, 1, 'Teknik Informatika', 'Bachtiar Dwi Effendi'),

(21, 2, 'Agroteknologi', 'Bahrum'),

(31, 3, 'Manajemen', 'Vita'),

(32, 3, 'Akintansi', 'Siti Maisaroh'),

(41, 4, 'PPKN', 'Sigit'),

(42, 4, 'Sejarah', 'Gunawan'),

(43, 4, 'Pendidikan Matematika', 'Tri'),

(44, 4, 'Bimbingan Konseling', 'Sliswanti'),

(45, 4, 'PGSD', 'Haniek');

	KodeProdi	KodeFakultas	NamaProdi	NamaKetuaProdi
<input type="checkbox"/>	11	1	Teknik Informatika	Bachtiar Dwi Effendi
<input type="checkbox"/>	21	2	Agroteknologi	Bahrum
<input type="checkbox"/>	31	3	Manajemen	Vita
<input type="checkbox"/>	32	3	Akintansi	Siti Maisaroh
<input type="checkbox"/>	41	4	PPKN	Sigit
<input type="checkbox"/>	42	4	Sejarah	Gunawan
<input type="checkbox"/>	43	4	Pendidikan Matematika	Tri
<input type="checkbox"/>	44	4	Bimbingan Konseling	Silswanti
<input type="checkbox"/>	45	4	PGSD	Haniek

c) Data Mahasiswa

INSERT INTO Mahasiswa (NPM, KodeProdi, NamaMahasiswa, TempatLahir, TanggalLahir, Alamat) VALUES

('08110167', 11, 'Andi', 'Jakarta', '1988-03-12', 'Gunung Kidul'),
('08110231', 11, 'Joko', 'Sleman', '1988-02-01', 'Sleman'),
('08210232', 21, 'Budi', 'Bantul', '1988-09-15', 'Bantul'),
('08210233', 21, 'Cici', 'Purwokerto', '1988-02-21', 'Bantul'),
('08210234', 31, 'Didi', 'Bandung', '1979-07-11', 'Kodya'),
('08320235', 32, 'Alfin', 'Makassar', '1986-03-22', 'Kodya'),
('08320236', 32, 'Dodi', 'Gunung Kidul', '1987-03-23', 'Gunung Kidul'),
('08320237', 32, 'Derri', 'Pangkal Pinang', '1988-02-09', 'Kodya'),
('08410121', 41, 'Dudung', 'Kebumen', '1985-01-25', 'Sleman'),
('08410122', 41, 'Afgan', 'Palembang', '1985-11-21', 'Kulon Progo'),
('08410123', 42, 'Didi', 'Kutoarjo', '1986-09-11', 'Kulon Progo'),
('08410124', 43, 'Firza', 'Purworejo', '1985-09-11', 'Bantul'),
('08410125', 44, 'Zahir', 'Temon', '1986-09-11', 'Kulon Progo');

Server: 127.0.0.1 » Database: task3_agit_db » Table: mahasiswa

Showing rows 0 - 12 (13 total, Query took 0.0006 seconds.)

SELECT * FROM `mahasiswa`

Number of rows: 25 Filter rows: Search this table Sort by key: None

	NPM	KodeProdi	NamaMahasiswa	TempatLahir	TanggalLahir	Alamat
<input type="checkbox"/> Edit Copy Delete	08110167	11	Andi	Jakarta	1988-03-12	Gunung Kidul
<input type="checkbox"/> Edit Copy Delete	08110231	11	Joko	Sleman	1988-02-01	Sleman
<input type="checkbox"/> Edit Copy Delete	08210232	21	Budi	Bantul	1988-09-15	Bantul
<input type="checkbox"/> Edit Copy Delete	08210233	21	Cici	Purwokerto	1988-02-21	Bantul
<input type="checkbox"/> Edit Copy Delete	08210234	31	Didi	Bandung	1979-07-11	Kodya
<input type="checkbox"/> Edit Copy Delete	08320235	32	Alfin	Makassar	1986-03-22	Kodya
<input type="checkbox"/> Edit Copy Delete	08320236	32	Dodi	Gunung Kidul	1987-03-23	Gunung Kidul
<input type="checkbox"/> Edit Copy Delete	08320237	32	Derri	Pangkal Pinang	1988-02-09	Kodya
<input type="checkbox"/> Edit Copy Delete	08410121	41	Dudung	Kebumen	1985-01-25	Sleman
<input type="checkbox"/> Edit Copy Delete	08410122	41	Afgan	Palembang	1985-11-21	Kulon Progo
<input type="checkbox"/> Edit Copy Delete	08410123	42	Didi	Kutoarjo	1986-09-11	Kulon Progo
<input type="checkbox"/> Edit Copy Delete	08410124	43	Firza	Purworejo	1985-09-11	Bantul
<input type="checkbox"/> Edit Copy Delete	08410125	44	Zahir	Temon	1986-09-11	Kulon Progo

Check all With selected: Edit Copy Delete Export

7. Menambahkan kolom tanggal daftar di table mahasiswa

ALTER TABLE Mahasiswa

ADD TanggalDaftar DATE;

Server: 127.0.0.1 » Database: task3_agit_db » Table: mahasiswa

Showing rows 0 - 12 (13 total, Query took 0.0006 seconds.)

SELECT * FROM `mahasiswa`

Number of rows: 25 Filter rows: Search this table Sort by key: None

	NPM	KodeProdi	NamaMahasiswa	TempatLahir	TanggalLahir	Alamat	TanggalDaftar
<input type="checkbox"/> Edit Copy Delete	08110167	11	Andi	Jakarta	1988-03-12	Gunung Kidul	NULL
<input type="checkbox"/> Edit Copy Delete	08110231	11	Joko	Sleman	1988-02-01	Sleman	NULL
<input type="checkbox"/> Edit Copy Delete	08210232	21	Budi	Bantul	1988-09-15	Bantul	NULL
<input type="checkbox"/> Edit Copy Delete	08210233	21	Cici	Purwokerto	1988-02-21	Bantul	NULL
<input type="checkbox"/> Edit Copy Delete	08210234	31	Didi	Bandung	1979-07-11	Kodya	NULL
<input type="checkbox"/> Edit Copy Delete	08320235	32	Alfin	Makassar	1986-03-22	Kodya	NULL
<input type="checkbox"/> Edit Copy Delete	08320236	32	Dodi	Gunung Kidul	1987-03-23	Gunung Kidul	NULL
<input type="checkbox"/> Edit Copy Delete	08320237	32	Derri	Pangkal Pinang	1988-02-09	Kodya	NULL
<input type="checkbox"/> Edit Copy Delete	08410121	41	Dudung	Kebumen	1985-01-25	Sleman	NULL
<input type="checkbox"/> Edit Copy Delete	08410122	41	Afgan	Palembang	1985-11-21	Kulon Progo	NULL
<input type="checkbox"/> Edit Copy Delete	08410123	42	Didi	Kutoarjo	1986-09-11	Kulon Progo	NULL
<input type="checkbox"/> Edit Copy Delete	08410124	43	Firza	Purworejo	1985-09-11	Bantul	NULL
<input type="checkbox"/> Edit Copy Delete	08410125	44	Zahir	Temon	1986-09-11	Kulon Progo	NULL

8. Menampilkan Nama Mahasiswa dan Alamat yang lahir di tahun 70-an

SELECT NamaMahasiswa, Alamat

FROM Mahasiswa

WHERE YEAR(TanggalLahir) BETWEEN 1970 AND 1979;

Server: 127.0.0.1 » Database: task3_agit_db » Table: Mahasiswa

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Run SQL query/queries on database task3_agit_db:

```
1 SELECT NamaMahasiswa, Alamat
2 FROM Mahasiswa
3 WHERE YEAR(TanggalLahir) BETWEEN 1970 AND 1979;
4
```

Clear Format Get auto-saved query

☐ Bind parameters

Bookmark this SQL query:

[Delimiter :] ☒ Show this query here again ☐ Retain query box ☐ Rollback when finished ☒ Enable foreign key checks

Hide query box

⚠ Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

✓ Showing rows 0 - 0 (1 total, Query took 0.0009 seconds.)

```
SELECT NamaMahasiswa, Alamat FROM Mahasiswa WHERE YEAR(TanggalLahir) BETWEEN 1970 AND 1979
```

☐ Show all | Number of rows: 500 | Filter rows:

+ Options

NamaMahasiswa	Alamat
Dodi	Kodya

9. Menampilkan seluruh nama mahasiswa beserta prodinya

SELECT M>NamaMahasiswa, P>NamaProdi

FROM Mahasiswa M

JOIN Prodi P ON M.KodeProdi = P.KodeProdi;

Server: 127.0.0.1 » Database: task3_agit_db

Structure SQL Search Query Export Import Operations

Run SQL query/queries on database task3_agit_db: ?

```

1 SELECT M>NamaMahasiswa, P>NamaProdi
2 FROM Mahasiswa M
3 JOIN Prodi P ON M.KodeProdi = P.KodeProdi;
4

```

Clear Format Get auto-saved query

☐ Bind parameters ?

Bookmark this SQL query:

[Delimiter ;] ☒ Show this query here again ☐ Retain query box ☐ Rollback when finished

Hide query box

✓ Showing rows 0 - 12 (13 total, Query took 0.0024 seconds.)

```

SELECT M>NamaMahasiswa, P>NamaProdi FROM Mahasiswa M JOIN Prodi P ON M.KodeProdi = P.KodeProdi

```

☐ Show all | Number of rows: 25 ▾ Filter rows:

+ Options

NamaMahasiswa	NamaProdi
Andi	Teknik Informatika
Joko	Teknik Informatika
Budi	Agroteknologi
Cici	Agroteknologi
Didi	Manajemen
Alfin	Akintansi
Dodi	Akintansi
Derri	Akintansi
Dudung	PPKN
Afgan	PPKN
Didi	Sejarah
Firza	Pendidikan Matematika
Zahir	Bimbingan Konseling

10. Menampilkan nama dan alamat dari 3 Mahasiswa tertua dari fakultas Teknik
- ```

SELECT M>NamaMahasiswa, M.Alamat, M.TanggalLahir
FROM Mahasiswa M
JOIN Prodi P ON M.KodeProdi = P.KodeProdi

```

JOIN Fakultas F ON P.KodeFakultas = F.KodeFakultas  
 WHERE F>NamaFakultas = 'Teknik'  
 ORDER BY M.TanggalLahir ASC  
 LIMIT 3;

Server: 127.0.0.1 » Database: task3\_agit\_db » Table: Mahasiswa

Browse Structure SQL Search Insert Export Import

Run SQL query/queries on database task3\_agit\_db:

```

1 SELECT M>NamaMahasiswa, M.Alat, M.TanggalLahir
2 FROM Mahasiswa M
3 JOIN Prodi P ON M.KodeProdi = P.KodeProdi
4 JOIN Fakultas F ON P.KodeFakultas = F.KodeFakultas
5 WHERE F>NamaFakultas = 'Teknik'
6 ORDER BY M.TanggalLahir ASC
7 LIMIT 3;
8

```

Clear Format Get auto-saved query

☐ Bind parameters

Bookmark this SQL query:

[ Delimiter : ] ☒ Show this query here again ☐ Retain query box ☐ Rollback when finish

Hide query box

⚠ Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete feature

✓ Showing rows 0 - 1 (2 total, Query took 0.0115 seconds.) [TanggalLahir: 1988-03-12... - 1989-02-01...]

```

SELECT M>NamaMahasiswa, M.Alat, M.TanggalLahir FROM Mahasiswa M JOIN Prodi P ON M.KodeProdi = P.KodeProdi

```

+ Options

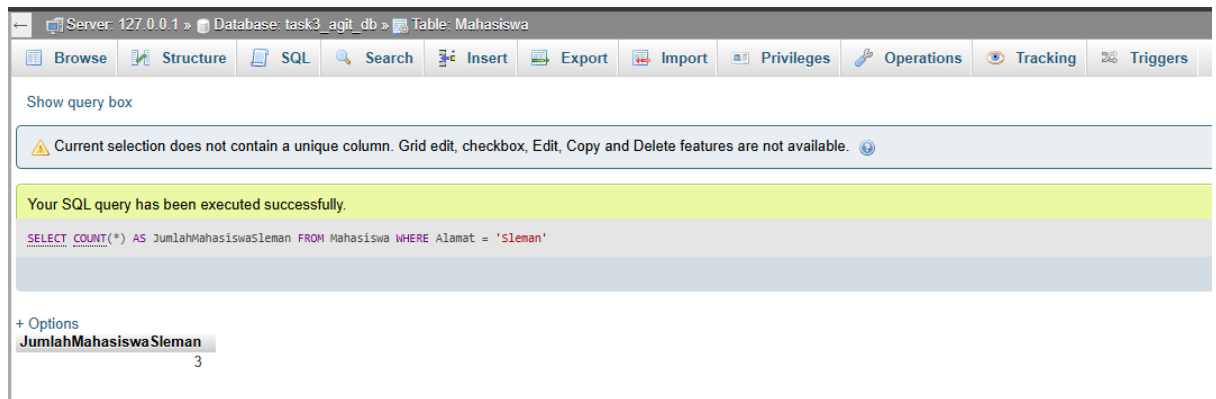
| NamaMahasiswa | Alamat       | TanggalLahir |
|---------------|--------------|--------------|
| Andi          | Gunung Kidul | 1988-03-12   |
| Joko          | Sleman       | 1989-02-01   |

11. Menampilkan jumlah mahasiswa yang berasal dari Sleman
- ```

SELECT COUNT(*) AS JumlahMahasiswaSleman
FROM Mahasiswa

```


WHERE Alamat = 'Sleman';



Server: 127.0.0.1 » Database: task3_agit_db » Table: Mahasiswa

Browser Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Show query box

⚠ Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Your SQL query has been executed successfully.

```
SELECT COUNT(*) AS JumlahMahasiswaSleman FROM Mahasiswa WHERE Alamat = 'Sleman'
```

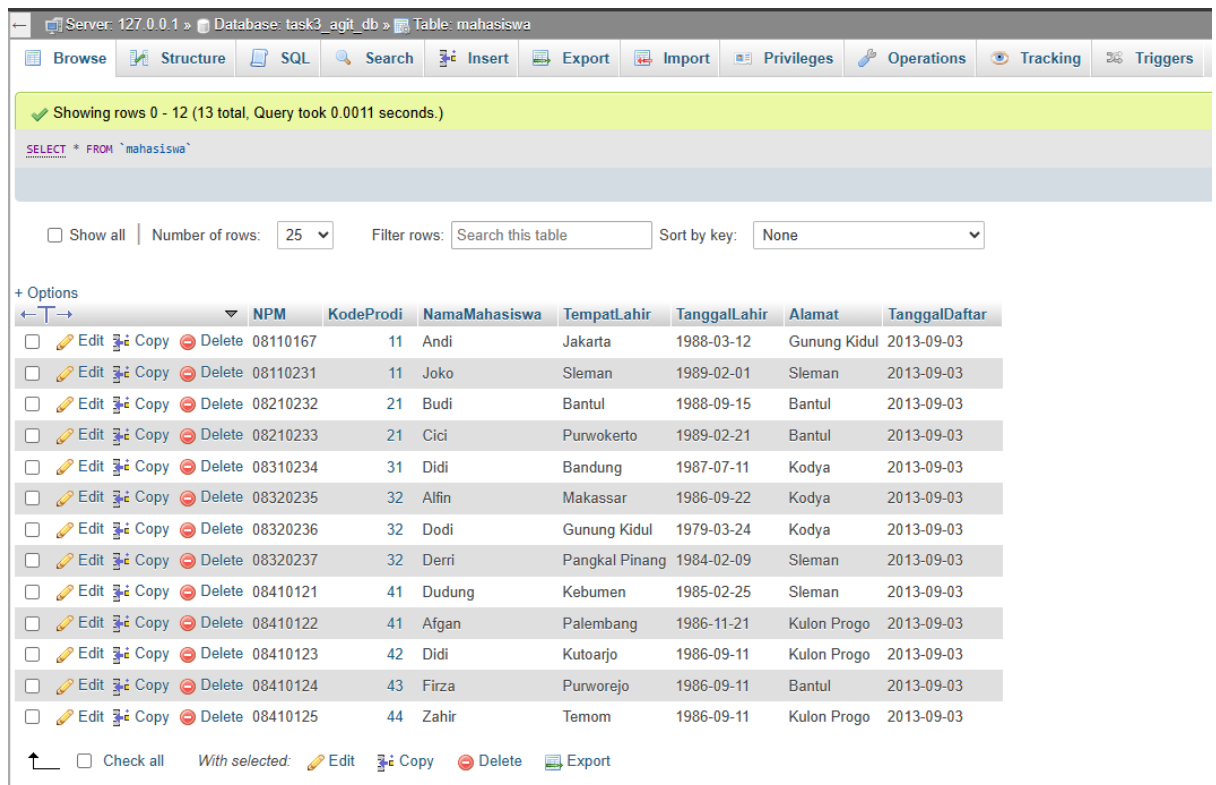
+ Options

JumlahMahasiswaSleman
3

12. Mengganti tanggal daftar semua mahasiswa menjadi 3 September 2013

UPDATE Mahasiswa

SET TanggalDaftar = '2013-09-03';



Server: 127.0.0.1 » Database: task3_agit_db » Table: mahasiswa

Browser Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

✓ Showing rows 0 - 12 (13 total, Query took 0.0011 seconds.)

```
SELECT * FROM `mahasiswa`
```

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

	NPM	KodeProdi	NamaMahasiswa	TempatLahir	TanggalLahir	Alamat	TanggalDaftar
<input type="checkbox"/> Edit Copy Delete	08110167	11	Andi	Jakarta	1988-03-12	Gunung Kidul	2013-09-03
<input type="checkbox"/> Edit Copy Delete	08110231	11	Joko	Sleman	1989-02-01	Sleman	2013-09-03
<input type="checkbox"/> Edit Copy Delete	08210232	21	Budi	Bantul	1988-09-15	Bantul	2013-09-03
<input type="checkbox"/> Edit Copy Delete	08210233	21	Cici	Purwokerto	1989-02-21	Bantul	2013-09-03
<input type="checkbox"/> Edit Copy Delete	08310234	31	Didi	Bandung	1987-07-11	Kodya	2013-09-03
<input type="checkbox"/> Edit Copy Delete	08320235	32	Alfin	Makassar	1986-09-22	Kodya	2013-09-03
<input type="checkbox"/> Edit Copy Delete	08320236	32	Dodi	Gunung Kidul	1979-03-24	Kodya	2013-09-03
<input type="checkbox"/> Edit Copy Delete	08320237	32	Derri	Pangkal Pinang	1984-02-09	Sleman	2013-09-03
<input type="checkbox"/> Edit Copy Delete	08410121	41	Dudung	Kebumen	1985-02-25	Sleman	2013-09-03
<input type="checkbox"/> Edit Copy Delete	08410122	41	Afgan	Palembang	1986-11-21	Kulon Progo	2013-09-03
<input type="checkbox"/> Edit Copy Delete	08410123	42	Didi	Kutoarjo	1986-09-11	Kulon Progo	2013-09-03
<input type="checkbox"/> Edit Copy Delete	08410124	43	Firza	Purworejo	1986-09-11	Bantul	2013-09-03
<input type="checkbox"/> Edit Copy Delete	08410125	44	Zahir	Temom	1986-09-11	Kulon Progo	2013-09-03

☐ Check all | With selected: Edit Copy Delete Export

13. Menampilkan semua informasi mahasiswa yang namanya berawalan D

SELECT *

FROM Mahasiswa

WHERE NamaMahasiswa LIKE 'D%';

Server: 127.0.0.1 » Database: task3_agit_db » Table: Mahasiswa

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Show query box

Showing rows 0 - 4 (5 total, Query took 0.0028 seconds.)

```
SELECT * FROM Mahasiswa WHERE NamaMahasiswa LIKE 'D%'
```

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

	NPM	KodeProdi	NamaMahasiswa	TempatLahir	TanggalLahir	Alamat	TanggalDaftar
<input type="checkbox"/> Edit Copy Delete	08310234	31	Didi	Bandung	1987-07-11	Kodya	2013-09-03
<input type="checkbox"/> Edit Copy Delete	08320236	32	Dodi	Gunung Kidul	1979-03-24	Kodya	2013-09-03
<input type="checkbox"/> Edit Copy Delete	08320237	32	Derri	Pangkal Pinang	1984-02-09	Sleman	2013-09-03
<input type="checkbox"/> Edit Copy Delete	08410121	41	Dudung	Kebumen	1985-02-25	Sleman	2013-09-03
<input type="checkbox"/> Edit Copy Delete	08410123	42	Didi	Kutoarjo	1986-09-11	Kulon Progo	2013-09-03

☐ Check all | With selected: Edit Copy Delete Export

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Query results operations

Print Copy to clipboard Export Display chart Create view

14. Mengganti tanggal lahir Joko menjadi 20 Januari 1990

UPDATE Mahasiswa

SET TanggalLahir = '1990-01-20'

WHERE NamaMahasiswa = 'Joko';

Server: 127.0.0.1 » Database: task3_agit_db » Table: Mahasiswa

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Show query box

1 row affected. (Query took 0.0066 seconds.)

```
UPDATE Mahasiswa SET TanggalLahir = '1990-01-20' WHERE NamaMahasiswa = 'Joko'
```

Showing rows 0 - 0 (1 total, Query took 0.0009 seconds.)

```
SELECT * FROM Mahasiswa WHERE NamaMahasiswa = 'Joko'
```

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

+ Options

	NPM	KodeProdi	NamaMahasiswa	TempatLahir	TanggalLahir	Alamat	TanggalDaftar
<input type="checkbox"/> Edit Copy Delete	08110231	11	Joko	Sleman	1990-01-20	Sleman	2013-09-03

☐ Check all | With selected: Edit Copy Delete Export

15. Menampilkan data nama prodi beserta jumlah mahasiswanya

SELECT P>NamaProdi, COUNT(M.NPM) AS JumlahMahasiswa

FROM Mahasiswa M

JOIN Prodi P ON M.KodeProdi = P.KodeProdi

GROUP BY P>NamaProdi;

← Server: 127.0.0.1 » Database: task3_agit_db » Table: P

Browse

Structure

SQL

Search

Insert

Export

Import

Privileges

Operations

Show query box

⚠ Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available. ⓘ

✔ Showing rows 0 - 7 (8 total, Query took 0.0050 seconds.)

```
SELECT P>NamaProdi, COUNT(M.NPM) AS JumlahMahasiswa FROM Mahasiswa M JOIN Prodi P ON M.KodeProdi = P.KodeProdi GROUP BY P>NamaProdi
```

☐ Show all

Number of rows: 25 ▼

Filter rows:

+ Options

NamaProdi	JumlahMahasiswa
Agroteknologi	2
Akintansi	3
Bimbingan Konseling	1
Manajemen	1
Pendidikan Matematika	1
PPKN	2
Sejarah	1
Teknik Informatika	2