TUGAS KELOMPOK PRAKTIKUM MANAJEMEN BASIS DATA PERTEMUAN-1 TENTANG VIEWS & PROCEDURES

Asisten Praktikum :

Alya Safina & Izazava Putri Asari

Disusun oleh Kelompok 6 Lab A2 :

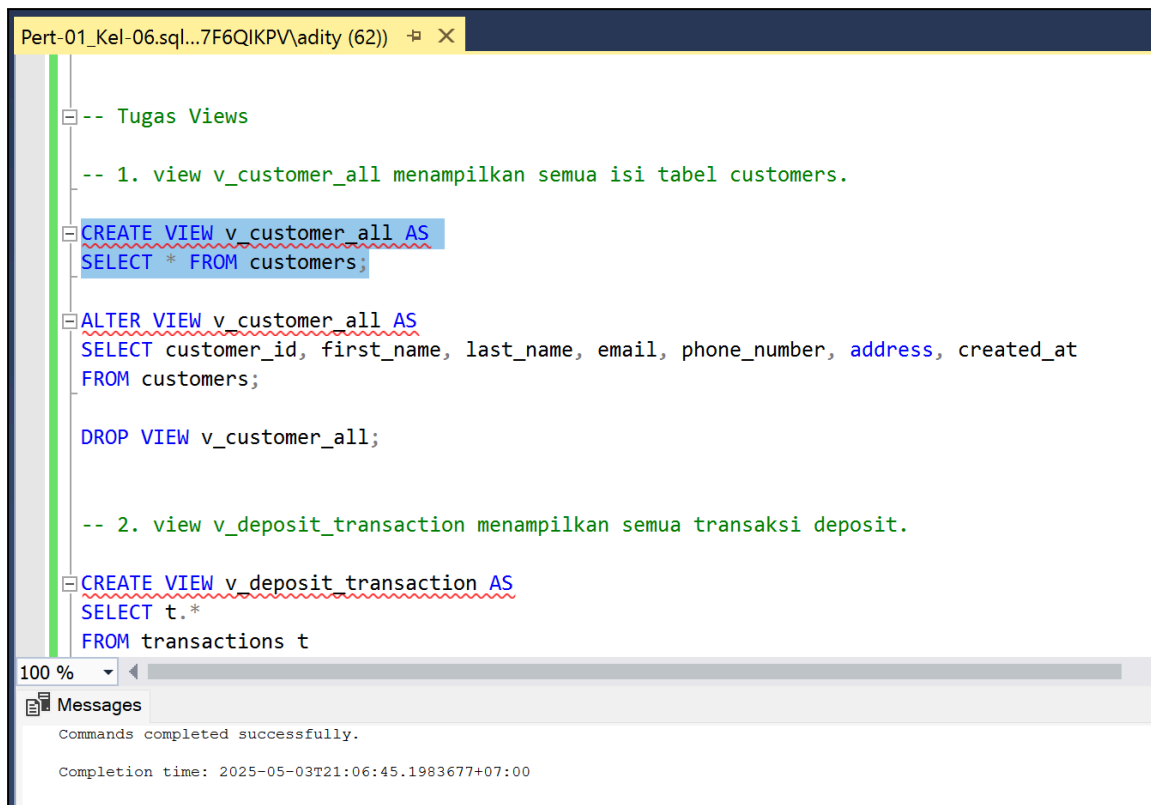|	
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DEPARTEMEN ILMU KOMPUTER/INFORMATIKA

FAKULTAS SAINS DAN MATEMATIKA

UNIVERSITAS DIPONEGORO

2025

TOPIK 1 VIEWS

1. **view v_customer_all menampilkan semua isi tabel customers.**

   Screenshot:

```
Pert-01_Kel-06.sql...7F6QIKPV\adity (62))   × ×

-- Tugas Views

-- 1. view v_customer_all menampilkan semua isi tabel customers.
CREATE VIEW v_customer_all AS
SELECT * FROM customers;

ALTER VIEW v_customer_all AS
SELECT customer_id, first_name, last_name, email, phone_number, address, created_at
FROM customers;

DROP VIEW v_customer_all;


-- 2. view v_deposit_transaction menampilkan semua transaksi deposit.

CREATE VIEW v_deposit_transaction AS
SELECT t.*
FROM transactions t
```

```
100 %
Messages
    Commands completed successfully.

    Completion time: 2025-05-03T21:06:45.1983677+07:00
```

```sql
-- Tugas Views

-- 1. view v_customer_all menampilkan semua isi tabel customers.

CREATE VIEW v_customer_all AS
SELECT * FROM customers;

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SELECT customer_id, first_name, last_name, email, phone_number, address, created_at
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DROP VIEW v_customer_all;


-- 2. view v_deposit_transaction menampilkan semua transaksi deposit.

CREATE VIEW v_deposit_transaction AS
SELECT t.*
FROM transactions t
```

100 %

Results | Messages

	customer_id	first_name	last_name	email	phone_number	address	created_at
1	00F54BDD-ECDD-4441-99A6-76F01B89D4DC	Sinta	Putri	sinta@example.com	08123456789	Jl. Merdeka 123	2025-05-03 20:06:37.107
2	079cd6ce-04a8-4c55-8c2b-b93189e9050a	Sergeant	Maith	sergeant.maith@aol.com	(512) 551-9311	11221 Bentwood Lane, Austin, Texas, United States, ...	2024-04-25 21:26:38.000
3	0bedb8d0-0c5a-48a9-bae1-5b1fbecf4a10	Shaine	Matic	shaine.matic@hotmail.com	(904) 114-8620	2563 Bladewood Court, Jacksonville, Florida, United ...	2024-04-25 19:31:13.000
4	0ca06e8d-a7a2-40c4-893b-128336ffdf54	Buddie	Sandison	buddie.sandison@yahoo.co.uk	(205) 075-5889	8159 Peterson Place, Birmingham, Alabama, United ...	2024-04-25 21:49:02.000
5	13aac759-5c49-42dc-9693-0f46cb1337bb	Stephanus	Frear	stephanus.frear@hotmail.com	(228) 427-9642	5521 Lancaster Lane, Gulfport, Mississippi, United Sta...	2024-04-25 23:38:56.000
6	14f35ff7-5574-4e12-ad89-7e7704a02e62	Corette	Vicent	corette.vicent@hotmail.com	(860) 119-3127	12466 Usher Place, Hartford, Connecticut, United Stat...	2024-04-25 19:18:36.000
7	1745BAC5-B03B-474A-A348-DED69AEAF2FE	Adi	Saputra	adi.saputra@example.com	081212121212	Jl. Mawar No. 88	2025-05-03 20:30:45.600
8	1833e0d4-fd6c-4474-b416-3ce9e539b363	Devon	McQuode	devon.mcquode@laposte.net	(415) 371-6505	7668 Rainbow Blvd., San Francisco, California, Unite...	2024-04-25 18:42:16.000
9	1b056bda-e6c8-46bb-a706-8db8c2e53061	Jacquenette	Hilldrup	jacquenette.hilldrup@gmail.com	(504) 592-9957	2042 Jonquil Place, New Orleans, Louisiana, United ...	2024-04-25 22:40:40.000
10	1ea5ec60-3f36-4896-af24-13ee03bf06d9	Bobette	Shambrooke	bobette.shambrooke@hotmail.fr	(269) 629-9553	6747 Orgovan Avenue, Kalamazoo, Michigan, United...	2024-04-25 22:38:27.000
11	1f2aa50e-b682-43da-b36e-f33d041691dc	Donnajean	Amerighi	donnajean.amerighi@yahoo.de	(559) 566-8407	10301 Viking Place, Fresno, California, United States, ...	2024-04-25 20:37:09.000
12	1f72084e-90f3-4334-9b8f-a3b350c2beb0	Barbabra	Swires	barbabra.swires@hotmail.com	(570) 979-3301	6755 Incorvaia Way, Wilkes Barre, Pennsylvania, Unit...	2024-04-26 01:02:12.000
13	20b542e7-3b96-4059-b30a-6d09832e17de	Sandro	Alten	sandro.alten@yahoo.com.br	(719) 485-8050	11759 Panigoni Avenue, Colorado Springs, Colorado...	2024-04-25 16:58:10.000
14	23fd617f-9912-4a67-b5cb-60147b25930c	Nester	Niccolls	nester.niccolls@hotmail.com	(864) 745-5159	294 Parrish Place, Spartanburg, South Carolina, Unite...	2024-04-25 20:18:28.000
15	26ae893b-6b51-41b9-9b07-a8d07e8a2979	Rebekah	Conkie	rebekah.conkie@yahoo.co.jp	(407) 279-4605	6619 Nueva Place, Kissimmee, Florida, United States,...	2024-04-26 00:45:35.000
16	27693ec7-45c9-4230-89d2-d0c98654cde7	Sidonnie	Marks	sidonnie.marks@gmail.com	(806) 099-5783	8993 Gaitanos Place, Amarillo, Texas, United States, ...	2024-04-25 20:57:32.000
17	287bf982-89ce-44b5-bfdd-49407600309a	Niel	Yuryatin	niel.yuryatin@mail.ru	(615) 770-5635	11203 Wentworth Lane, Nashville, Tennessee, Unite...	2024-04-25 21:08:51.000
18	29f948c1-0d27-4e13-9126-498a6e51a079	Spike	Sill	spike.sill@hotmail.com	(914) 513-6574	3253 Cedar Ridge Place, Mount Vernon, New York, ...	2024-04-25 22:35:52.000
19	33716558-b6fb-43ec-91a8-59207fe42376	Billye	Lyfe	billye.lyfe@gmail.com	(727) 018-6475	14303 Morton Lane, Tampa, Florida, United States, 3...	2024-04-25 23:32:50.000
20	357e3969-87b3-48e9-bd0b-4a658de0dd38	Meggi	MacDermott	meggi.macdermott@yahoo.com	(702) 378-5984	8016 Mayberry Court, North Las Vegas, Nevada, Unit...	2024-04-25 15:52:54.000
21	3701903e-265f-402d-b8f9-5e46a67a89a6	Horst	Morecomb	horst.morecomb@mail.ru	(412) 835-1593	3520 Beacon Hill Court, Pittsburgh, Pennsylvania, Uni...	2024-04-25 23:23:46.000
22	37abd855-71e9-4ded-87fe-901c4ccb3d3c	Jyoti	Treanor	jyoti.treanor@yahoo.com	(253) 948-7342	633 Kilarny Place, Tacoma, Washington, United State...	2024-04-25 21:10:29.000

Query executed successfully. | LAPTOP-7F6QIKPV (16.0 RTM) | LAPTOP-7F6QIKP

```sql
-- Tugas Views

-- 1. view v_customer_all menampilkan semua isi tabel customers.

CREATE VIEW v_customer_all AS
SELECT * FROM customers;

ALTER VIEW v_customer_all AS
SELECT customer_id, first_name, last_name, email
FROM customers;

DROP VIEW v_customer_all;


-- 2. view v_deposit_transaction menampilkan semua transaksi deposit.

CREATE VIEW v_deposit_transaction AS
SELECT t.*
FROM transactions t
```

100 %

Messages

Commands completed successfully.

Completion time: 2025-05-03T21:12:44.2480717+07:00

```sql
-- Tugas Views

-- 1. view v_customer_all menampilkan semua isi tabel customers.

CREATE VIEW v_customer_all AS
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-- 2. view v_deposit_transaction menampilkan semua transaksi deposit.

CREATE VIEW v_deposit_transaction AS
SELECT t.*
FROM transactions t
```

100 %

Results | Messages

	customer_id	first_name	last_name	email
1	00F54BDD-ECDD-4441-99A6-76F01B89D4DC	Sinta	Putri	sinta@example.com
2	079cd6ce-04a8-4c55-8c2b-b93189e9050a	Sergeant	Maith	sergeant.maith@aol.com
3	0bedb8d0-0c5a-48a9-bae1-5b1fbecf4a10	Shaine	Matic	shaine.matic@hotmail.com
4	0ca06e8d-a7a2-40c4-893b-128336ffdf54	Buddie	Sandison	buddie.sandison@yahoo.co.uk
5	13aac759-5c49-42dc-9693-0f46cb1337bb	Stephanus	Frear	stephanus.frear@hotmail.com
6	14f35ff7-5574-4e12-ad89-7e7704a02e62	Corette	Vicent	corette.vicent@hotmail.com
7	1745BAC5-B03B-474A-A348-DED69AEAF2FE	Adi	Saputra	adi.saputra@example.com
8	1833e0d4-fd6c-4474-b416-3ce9e539b363	Devon	McQuode	devon.mcquode@laposte.net
9	1b056bda-e6c8-46bb-a706-8db8c2e53061	Jacquenette	Hilldrup	jacquenette.hilldrup@gmail.com
10	1ea5ec60-3f36-4896-af24-13ee03bf06d9	Bobette	Shambrooke	bobette.shambrooke@hotmail.fr
11	1f2aa50e-b682-43da-b36e-f33d041691dc	Donnajean	Amerighi	donnajean.amerighi@yahoo.de
12	1f72084e-90f3-4334-9b8f-a3b350c2beb0	Barbabra	Swires	barbabra.swires@hotmail.com
13	20b542e7-3b96-4059-b30a-6d09832e17de	Sandro	Alten	sandro.alten@yahoo.com.br
14	23fd617f-9912-4a67-b5cb-60147b25930c	Nester	Niccolls	nester.niccolls@hotmail.com
15	26ae893b-6b51-41b9-9b07-a8d07e8a2979	Rebekah	Conkie	rebekah.conkie@yahoo.co.jp
16	27693ec7-45c9-4230-89d2-d0c98654cde7	Sidonnie	Marks	sidonnie.marks@gmail.com
17	287bf982-89ce-44b5-bfdd-49407600309a	Niel	Yuryatin	niel.yuryatin@mail.ru
18	29f948c1-0d27-4e13-9126-498a6e51a079	Spike	Sill	spike.sill@hotmail.com
19	33716558-b6fb-43ec-91a8-59207fe42376	Billye	Lyfe	billye.lyfe@gmail.com
20	357e3969-87b3-48e9-bd0b-4a658de0dd38	Meggi	MacDermott	meggi.macdermott@yahoo.com
21	3701903e-265f-402d-b8f9-5e46a67a89a6	Horst	Morecomb	horst.morecomb@mail.ru
22	37abd855-71e9-4ded-87fe-901c4ccb3d3c	Jyoti	Treanor	jyoti.treanor@yahoo.com

✓ Query executed successfully.

```sql
-- Tugas Views

-- 1. view v_customer_all menampilkan semua isi tabel customers.

CREATE VIEW v_customer_all AS
SELECT * FROM customers;

ALTER VIEW v_customer_all AS
SELECT customer_id, first_name, last_name, email
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DROP VIEW v_customer_all;


-- 2. view v_deposit_transaction menampilkan semua transaksi deposit.

CREATE VIEW v_deposit_transaction AS
SELECT t.*
FROM transactions t
```

Messages

Commands completed successfully.

Completion time: 2025-05-03T21:14:27.2982730+07:00

2. view v_deposit_transaction menampilkan semua transaksi deposit.

Screenshot:


```sql
-- 2. view v_deposit_transaction menampilkan semua transaksi deposit.

CREATE VIEW v_deposit_transaction AS
SELECT t.*
FROM transactions t
JOIN transaction_types tt ON t.transaction_type_id = tt.transaction_type_id
WHERE tt.name = 'deposit';

ALTER VIEW v_deposit_transaction AS
SELECT t.transaction_id, t.account_id, t.amount, t.transaction_date, t.description
FROM transactions t
JOIN transaction_types tt ON t.transaction_type_id = tt.transaction_type_id
WHERE tt.name = 'deposit';

DROP VIEW v_deposit_transaction;


-- 3. view v_transfer_transaction menampilkan semua transaksi transfer.
```

Messages

Commands completed successfully.

Completion time: 2025-05-03T21:15:52.4782205+07:00


```sql
-- 2. view v_deposit_transaction menampilkan semua transaksi deposit.

CREATE VIEW v_deposit_transaction AS
SELECT t.*
FROM transactions t
JOIN transaction_types tt ON t.transaction_type_id = tt.transaction_type_id
WHERE tt.name = 'deposit';

ALTER VIEW v_deposit_transaction AS
SELECT t.transaction_id, t.account_id, t.amount, t.transaction_date, t.description
FROM transactions t
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WHERE tt.name = 'deposit';

DROP VIEW v_deposit_transaction;


-- 3. view v_transfer_transaction menampilkan semua transaksi transfer.
```

Results | Messages

	transaction_id	account_id	transaction_type_id	amount	transaction_date	description	reference_account
1	027c8cc4-d92d-46cd-8256-d46f395f3e0c	d29c5b3d-6bb3-4248-bf1a-4339bc80b6b0	1	112.34	2024-07-18 13:04:35.000	Ficta pueriliter tum ne efficit quidem quod vult N	NULL
2	049519be-3725-44ee-bf7e-f71ea192625e	f9341b55-2686-40af-9e1b-2986672efd92	1	89.76	2025-02-06 03:42:17.000	Beateque vivendo a Platone disputata sunt haec	NULL
3	063e014a-839b-4ed2-b3a3-510e528f961c	0937445f-d5eb-4ef9-887f-4173fe662dd4	1	122.10	2025-03-05 00:22:17.000	Et quidem locis pluribus	NULL
4	06ae34b6-1723-4b44-baf9-a885f489f723	71c0f7ab-b701-45f0-9c94-802383b3cc36	1	87.25	2025-01-09 09:05:38.000	Quales eius maiores fuissent et in conspectum suum	NULL
5	0db669d2-610c-44cd-b5fa-2e3f58051d09	c098f0dd-6434-4f69-afdd-d756849fe1fd	1	124.05	2024-08-28 00:48:45.000	Praeterea neque praesenti nec	NULL
6	1ddf4572-0fe2-4535-9314-e968921dd07d	73b13073-025d-45c9-bed2-6b6760e7e10d	1	79.39	2024-07-06 17:41:05.000	Solemus quanto id in hominum consuetudine facilius	NULL
7	241b055f-5955-4fb1-9ed8-ce96860e941a	8d7d7e4b-11a9-47e3-bca0-8f3aa0bada73	1	103.46	2024-11-03 08:57:00.000	Quae quasi saxum Tantalo semper impendet tum super	NULL
8	2a9f2378-3ac8-4eb3-b801-5656cd2bf91f	36f3d280-2886-4e51-adcd-dfc644e59d80	1	119.26	2024-12-08 18:06:48.000	Loco videtur quibusdam stabilitas amicitiae vacill	NULL
9	2b3b1663-f993-4e82-9dbe-7a7779e4648d	fe716f26-3b0e-4fe5-bc40-4663f4fa66c0	1	124.22	2024-12-29 22:49:39.000	Intemperantes et ignavi numquam in sententia perma	NULL
10	3322a905-6f9a-4460-8c68-d8ce45feffaa	748ace76-6b8a-4fd4-9de1-b6154ce22189	1	102.26	2024-09-21 08:52:41.000	Everti si ita melius sit migrare de vita His rebus	NULL
11	415591cc-b2b2-412a-8798-20b0269bfb20	d6a1328a-055b-40f3-9c71-da27fec396d2	1	122.17	2024-06-19 14:28:05.000	Contemnit qua qui utuntur benivolentiam sibi conci	NULL
12	423a25c8-aeb3-4823-95be-99f6a213d9bc	418fedb1-da8f-4c67-8073-4a147e2f5ded	1	111.13	2024-05-23 13:36:37.000	Dicant foedus esse quoddam sapientium ut ne minus	NULL
13	4c67ca98-65ab-486d-a48a-1dadd2bc365b	96da7988-0695-4780-a7c3-6c935daccc59	1	121.47	2025-01-03 07:55:40.000	Se nobis ducem praebeat ad voluptatem	NULL
14	4f6655d6-789d-477f-b61b-63acb94a1604	c8a710b1-6302-4189-8149-da76be7fdfc1	1	79.94	2024-09-20 22:52:04.000	Sit numeranda nec in discordia dominorum domus quo	NULL
15	6cf419fa-5d63-418a-83b7-346df8331ca6	80c28cdf-f2fb-4232-bbd5-39404d8199c2	1	110.56	2024-07-23 22:00:22.000	Quamquam autem et praeterita grate meminit et prae	NULL
16	82aeeaef-d879-49bf-8e37-8f41702623f5	1d97bce1-5c94-49e4-8e2a-6ad56b99afb0	1	88.98	2025-02-04 05:18:22.000	Sibi quibus non solum praesentibus fruuntur sed et	NULL
17	87d27da1-f363-47d2-a2f6-f30b097e8c39	39e495d4-8be7-45fa-aab6-1ee6312cdd04	1	102.76	2024-10-18 05:39:14.000	Vacillare tuentur tamen eum locum seque facile ut	NULL
18	8bbc7aa9-8321-4adc-bb71-c2a088cf766d	535ff8ea-7b01-48a3-93a3-27288067830c	1	122.97	2024-09-03 00:44:10.000	Investigandi veri nisi inveneris et quaerendi defa	NULL
19	8c805bd7-7ed0-4af0-818c-459cebd8fd7d	45ff6d75-3e4b-43ab-9343-ba2e0de1069a	1	100.01	2024-08-11 04:00:55.000	Eiusmod tempor incididunt ut labore et dolore disp	NULL
20	8d379ad0-9f64-4e6c-b197-b4aa107d8a47	5ccb459e-6c87-432b-a742-c6c7cbf0dae3	1	113.36	2024-12-02 05:14:20.000	Ipsius honestatis	NULL
21	9050e88e-0079-43f1-9b81-e032727d8307	be1f9370-375a-4d20-bf0d-284e833ff113	1	116.13	2024-05-23 18:12:34.000	Sabinum municipem Ponti Tritani centurionum praecl	NULL
22	94e1cb50-85ae-4534-b217-f5f8b4c768c7	3a6e7b4a-c8db-4750-bbbc-a337ef92efe4	1	105.05	2024-11-07 15:41:37.000	Desistunt	NULL

Query executed successfully.   LAPTOP-7F6QIKPV (16.0 RTM)   LAPTOP-7F6QIKPV\adity ...

```sql
-- 2. view v_deposit_transaction menampilkan semua transaksi deposit.

CREATE VIEW v_deposit_transaction AS
SELECT t.*
FROM transactions t
JOIN transaction_types tt ON t.transaction_type_id = tt.transaction_type_id
WHERE tt.name = 'deposit';

ALTER VIEW v_deposit_transaction AS
SELECT t.transaction_id, t.account_id, t.amount, t.transaction_date, t.description
FROM transactions t
JOIN transaction_types tt ON t.transaction_type_id = tt.transaction_type_id
WHERE tt.name = 'deposit';

DROP VIEW v_deposit_transaction;


-- 3. view v_transfer_transaction menampilkan semua transaksi transfer.
```

100 %

Messages

Commands completed successfully.

Completion time: 2025-05-03T21:17:15.4029372+07:00

```sql
-- 2. view v_deposit_transaction menampilkan semua transaksi deposit.

CREATE VIEW v_deposit_transaction AS
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-- 3. view v_transfer_transaction menampilkan semua transaksi transfer.
```

100 %

▦ Results ▣ Messages

	transaction_id	account_id	amount	transaction_date	description
1	027c8cc4-d92d-46cd-8256-d46f395f3e0c	d29c5b3d-6bb3-4248-bf1a-4339bc80b6b0	112.34	2024-07-18 13:04:35.000	Ficta pueriliter tum ne efficit quidem quod vult N
2	049519be-3725-44ee-bf7e-f71ea192625e	f9341b55-2686-40af-9e1b-2986672efd92	89.76	2025-02-06 03:42:17.000	Beateaque vivendo a Platone disputata sunt haec
3	063e014a-839b-4ed2-b3a3-510e528f961c	0937445f-d5eb-4ef9-887f-4173fe662dd4	122.10	2025-03-05 00:22:17.000	Et quidem locis pluribus
4	06ae34b6-1723-4b44-baf9-a885f489f723	71c0f7ab-b701-45f0-9c94-802383b3cc36	87.25	2025-01-09 09:05:38.000	Quales eius maiores fuissent et in conspectum suum
5	0db669d2-610c-44cd-b5fa-2e3f58051d09	c098f0dd-6434-4f69-afdd-d756849fe1fd	124.05	2024-08-28 00:48:45.000	Praeterea neque praesenti nec
6	1ddf4572-0fe2-4535-9314-e968921dd07d	73b13073-025d-45c9-bed2-6b6760e7e10d	79.39	2024-07-06 17:41:05.000	Solemus quanto id in hominum consuetudine facilius
7	241b055f-5955-4fb1-9ed8-ce96860e941a	8d7d7e4b-11a9-47e3-bca0-8f3aa0bada73	103.46	2024-11-03 08:57:00.000	Quae quasi saxum Tantalo semper impendet tum super
8	2a9f2378-3ac8-4eb3-b801-5656cd2bf91f	36f3d280-2886-4e51-adcd-dfc644e59d80	119.26	2024-12-08 18:06:48.000	Loco videtur quibusdam stabilitas amicitiae vacill
9	2b3b1663-f993-4e82-9dbe-7a7779e4648d	fe716f26-3b0e-4fe5-bc40-4663f4fa66c0	124.22	2024-12-29 22:49:39.000	Intemperantes et ignavi numquam in sententia perma
10	3322a905-6f9a-4460-8c68-d8ce45feffaa	748ace76-6b8a-4fd4-9de1-b6154ce22189	102.26	2024-09-21 08:52:41.000	Everti si ita melius sit migrare de vita His rebus
11	415591cc-b2b2-412a-8798-20b0269bfb20	d6a1328a-055b-40f3-9c71-da27fec396d2	122.17	2024-06-19 14:28:05.000	Contemnit qua qui utuntur benivolentiam sibi conci
12	423a25c8-aeb3-4823-95be-99f6a213d9bc	418fedb1-da8f-4c67-8073-4a147e2f5ded	111.13	2024-05-23 13:36:37.000	Dicant foedus esse quoddam sapientium ut ne minus
13	4c67ca98-65ab-486d-a48a-1dadd2bc365b	96da7988-0695-4780-a7c3-6c935daccc59	121.47	2025-01-03 07:55:40.000	Se nobis ducem praebeat ad voluptatem
14	4f6655d6-789d-477f-b61b-63acb94a1604	c8a710b1-6302-4189-8149-da76be7fdfc1	79.94	2024-09-20 22:52:04.000	Sit numeranda nec in discordia dominorum domus quo
15	6cf419fa-5d63-418a-83b7-346df8331ca6	80c28cdf-f2fb-4232-bbd5-39404d8199c2	110.56	2024-07-23 22:00:22.000	Quamquam autem et praeterita grate meminit et prae
16	82aeeaef-d879-49bf-8e37-8f41702623f5	1d97bce1-5c94-49e4-8e2a-6ad56b99afb0	88.98	2025-02-04 05:18:22.000	Sibi quibus non solum praesentibus fruuntur sed et
17	87d27da1-f363-47d2-a2f6-f30b097e8c39	39e495d4-8be7-45fa-aab6-1ee6312cdd04	102.76	2024-10-18 05:39:14.000	Vacillare tuentur tamen eum locum seque facile ut
18	8bbc7aa9-8321-4adc-bb71-c2a088cf766d	535ff8ea-7b01-48a3-93a3-27288067830c	122.97	2024-09-03 00:44:10.000	Investigandi veri nisi inveneris et quaerendi defa
19	8c805bd7-7ed0-4af0-818c-459cebd8fd7d	45ff6d75-3e4b-43ab-9343-ba2e0de1069a	100.01	2024-08-11 04:00:55.000	Eiusmod tempor incididunt ut labore et dolore disp
20	8d379ad0-9f64-4e6c-b197-b4aa107d8a47	5ccb459e-6c87-432b-a742-c6c7cbf0dae3	113.36	2024-12-02 05:14:20.000	Ipsius honestatis
21	9050e88e-0079-43f1-9b81-e032727d8307	be1f9370-375a-4d20-bf0d-284e833ff113	116.13	2024-05-23 18:12:34.000	Sabinum municipem Ponti Tritani centurionum praecl
22	94e1cb50-85ae-4534-b217-f5f8b4c768c7	3a6e7b4a-c8db-4750-bbbc-a337ef92efe4	105.05	2024-11-07 15:41:37.000	Desistunt

✓ Query executed successfully.

🔒 LAPTOP-7F6QIKPV (16.0 RTI

```sql
-- 2. view v_deposit_transaction menampilkan semua transaksi deposit.
CREATE VIEW v_deposit_transaction AS
SELECT t.*
FROM transactions t
JOIN transaction_types tt ON t.transaction_type_id = tt.transaction_type_id
WHERE tt.name = 'deposit';

ALTER VIEW v_deposit_transaction AS
SELECT t.transaction_id, t.account_id, t.amount, t.transaction_date, t.description
FROM transactions t
JOIN transaction_types tt ON t.transaction_type_id = tt.transaction_type_id
WHERE tt.name = 'deposit';

DROP VIEW v_deposit_transaction;


-- 3. view v_transfer_transaction menampilkan semua transaksi transfer.
```

Messages

Commands completed successfully.

Completion time: 2025-05-03T21:19:43.8970776+07:00

3. view v_transfer_transaction menampilkan semua transaksi transfer.

Screenshot:

```sql
-- 3. view v_transfer_transaction menampilkan semua transaksi transfer.

CREATE VIEW v_transfer_transaction AS
SELECT t.*
FROM transactions t
JOIN transaction_types tt ON t.transaction_type_id = tt.transaction_type_id
WHERE tt.name = 'transfer';

ALTER VIEW v_transfer_transaction AS
SELECT t.transaction_id, t.account_id, t.amount, t.transaction_date, t.reference_account
FROM transactions t
JOIN transaction_types tt ON t.transaction_type_id = tt.transaction_type_id
WHERE tt.name = 'transfer';

DROP VIEW v_transfer_transaction;


-- TOPIK 2 PROCEDURES

CREATE PROCEDURE sp_get_account_balance
```

100 %

Messages

Commands completed successfully.

Completion time: 2025-05-03T21:25:44.1523378+07:00

```sql
-- 3. view v_transfer_transaction menampilkan semua transaksi transfer.

CREATE VIEW v_transfer_transaction AS
SELECT t.*
FROM transactions t
JOIN transaction_types tt ON t.transaction_type_id = tt.transaction_type_id
WHERE tt.name = 'transfer';

ALTER VIEW v_transfer_transaction AS
SELECT t.transaction_id, t.account_id, t.amount, t.transaction_date, t.reference_account
FROM transactions t
JOIN transaction_types tt ON t.transaction_type_id = tt.transaction_type_id
WHERE tt.name = 'transfer';

DROP VIEW v_transfer_transaction;


-- TOPIK 2 PROCEDURES

CREATE PROCEDURE sp_get_account_balance
```

100 % ◄

▦ Results ⬚▤ Messages

	transaction_id	account_id	amount	transaction_date	reference_account
1	0096cba5-4e9c-49f4-b1df-4955a76275e4	802b2efe-e1d1-465b-940f-5cf573a2c985	80.72	2024-10-17 00:06:59.000	NULL
2	01e6c965-00a0-41c8-8fc6-320a25e171e2	f75c87e7-70a8-4fbd-8ad6-9d5e9cefc314	112.54	2025-01-21 12:01:19.000	NULL
3	0e5ccf7d-0803-476b-8405-23e0b5091c08	d094e634-9744-478d-b73b-1a73149b198b	98.25	2024-06-29 15:41:58.000	NULL
4	13706eb5-aabb-467b-86ca-b1c9999dc7dc	57620a31-a1ee-4dbc-9a72-09bc5bb72b7d	96.05	2024-11-23 23:08:47.000	NULL
5	189574d3-bf80-449b-a8e6-e0ef42d0a096	3f494e04-a406-4692-a584-19db622e48ac	123.90	2025-03-13 07:48:13.000	NULL
6	1bc0bec8-97de-4720-8278-a18d7538c308	a448f319-9dc4-4c02-b016-e1eab2b49629	91.54	2024-08-16 04:51:30.000	NULL
7	2ae8fb1c-1844-4602-aa0a-5a13a6507874	ac35eddd-0fb1-4711-9bb8-1985fc566b52	79.15	2024-06-24 10:22:24.000	NULL
8	34608f20-08ad-42b2-8ac9-6a450b4788b9	c73f146f-aef6-415f-bc17-8bf06ba9819e	86.91	2024-11-15 04:57:54.000	NULL
9	3f30d441-419d-4b4c-ae6a-8528cba6862c	5d8f91d2-881d-46c9-9d1f-19d33516897f	112.03	2025-01-17 11:08:16.000	NULL
10	488f3a0c-a01c-4e6d-a46a-c9d4b04620f0	441aa9d2-bdf2-4b65-a79f-c18e66de0e17	116.77	2024-06-19 00:28:51.000	NULL
11	50c0a6f3-faba-4031-bb3b-e30a1bab1c5c	da3b43bc-55d1-4f0b-80d1-494ccfc9acc5	102.44	2025-03-22 10:19:47.000	NULL
12	54efc385-e6b7-4ce4-9be8-f2cc29398d38	bff8f8bd-3931-4f3f-b0c1-636597f97db5	118.34	2025-01-22 11:55:29.000	NULL
13	583ebd92-6330-47e2-9115-c590b51238c9	92ffabae-dab4-4737-8b26-ee60ed598cea	81.82	2025-03-08 05:03:38.000	NULL
14	5b01a515-b320-4411-bc4d-03057bc38c7d	17a9ed0a-5ed3-41d6-9e20-df434296c83d	79.90	2025-03-10 08:51:11.000	NULL
15	5ca3ef09-7b18-4782-a38a-9a621f898b19	65b4514d-4bbb-4aed-b0e0-859e1bef135e	118.80	2024-05-20 17:39:54.000	NULL
16	6d77ba74-b395-42c0-8e1a-0678bc4ca127	a9eb22fe-d2a1-4f58-b903-ba06bfab92c4	79.35	2024-10-30 13:18:45.000	NULL
17	730f46e7-0a12-4bae-a34d-2c1893ece2ce	bf4afaa6-c52c-4b4e-b7f8-543eeb1ec49c	109.34	2024-10-20 04:34:34.000	NULL
18	7c819ea2-da8d-4590-932e-de0037e89802	1118a259-aa7d-402b-9f1f-72555ed15180	93.12	2024-12-01 20:04:29.000	NULL
19	82353c8f-c4ec-4e51-97d5-60101464a8fe	58e3e8fa-7549-4390-821e-d643a13d9c36	121.39	2024-11-30 05:45:24.000	NULL
20	826F29D8-F6C5-4238-851A-0E3C511C5FBC	07a36a4b-7943-4634-b17a-7c7eb4407cd3	5000.00	2025-05-03 20:58:20.307	NULL
21	97133932-d8e3-4f5d-9151-0fd5d52caa1a	4aab87c4-eb74-4e4e-ab8f-c13638276de1	75.47	2025-02-15 20:13:20.000	NULL
22	9a14b28f-e0ae-413f-bda7-1aaca6d8ede2	2156bbb2-c082-45e5-a5d6-f66752c37690	79.94	2024-10-15 11:45:09.000	NULL

✓ Query executed successfully.

```sql
-- 3. view v_transfer_transaction menampilkan semua transaksi transfer.

CREATE VIEW v_transfer_transaction AS
SELECT t.*
FROM transactions t
JOIN transaction_types tt ON t.transaction_type_id = tt.transaction_type_id
WHERE tt.name = 'transfer';

ALTER VIEW v_transfer_transaction AS
SELECT t.transaction_id, t.account_id, t.amount, t.transaction_date, t.reference_account
FROM transactions t
JOIN transaction_types tt ON t.transaction_type_id = tt.transaction_type_id
WHERE tt.name = 'transfer';

DROP VIEW v_transfer_transaction;


-- TOPIK 2 PROCEDURES

CREATE PROCEDURE sp_get_account_balance
```
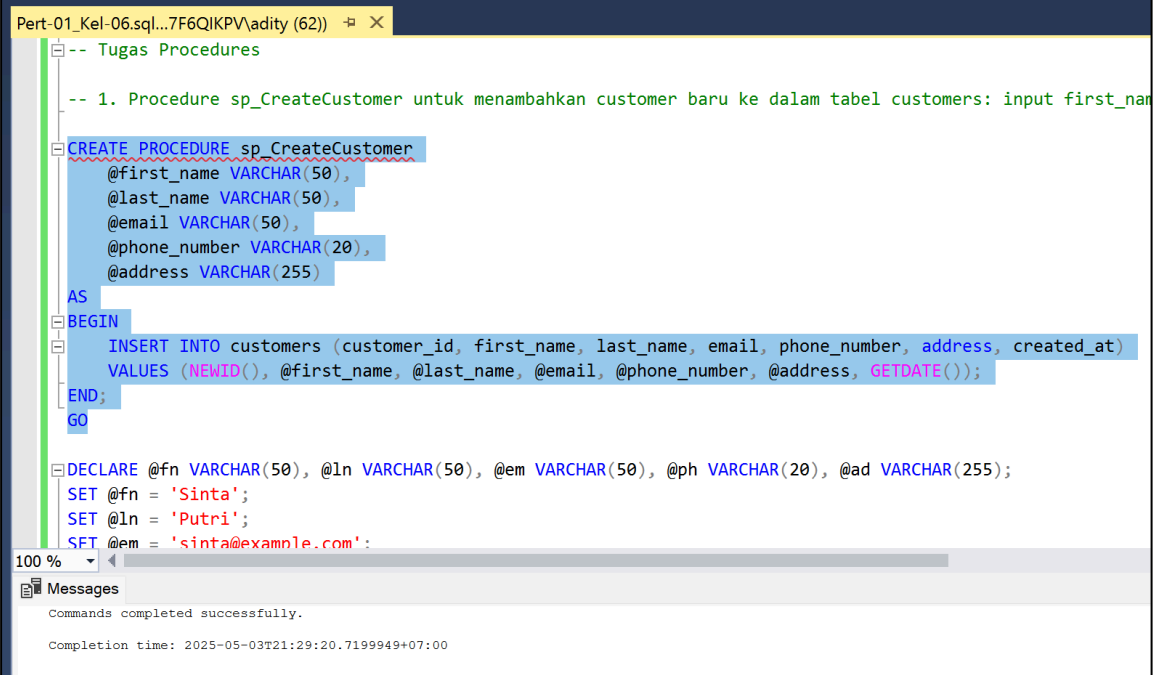
100 %

Messages

Commands completed successfully.

Completion time: 2025-05-03T21:26:48.4217756+07:00

TOPIK 2 PROCEDURES

1. **Procedure sp_CreateCustomer untuk menambahkan customer baru ke dalam tabel customers: input first_name, last_name, email, phone_number, address.**

   Screenshot:

```
          @address VARCHAR(255)
    AS
  BEGIN
        INSERT INTO customers (customer_id, first_name, last_name, email, phone_number, address, created_at)
        VALUES (NEWID(), @first_name, @last_name, @email, @phone_number, @address, GETDATE());
    END;
    GO


  DECLARE @fn VARCHAR(50), @ln VARCHAR(50), @em VARCHAR(50), @ph VARCHAR(20), @ad VARCHAR(255);
    SET @fn = 'Sinta';
    SET @ln = 'Putri';
    SET @em = 'sinta@example.com';
    SET @ph = '08123456789';
    SET @ad = 'Jl. Merdeka 123';

    EXEC sp_CreateCustomer @fn, @ln, @em, @ph, @ad;
    SELECT * FROM customers WHERE email = @em;

    DROP PROCEDURE sp_CreateCustomer;
```
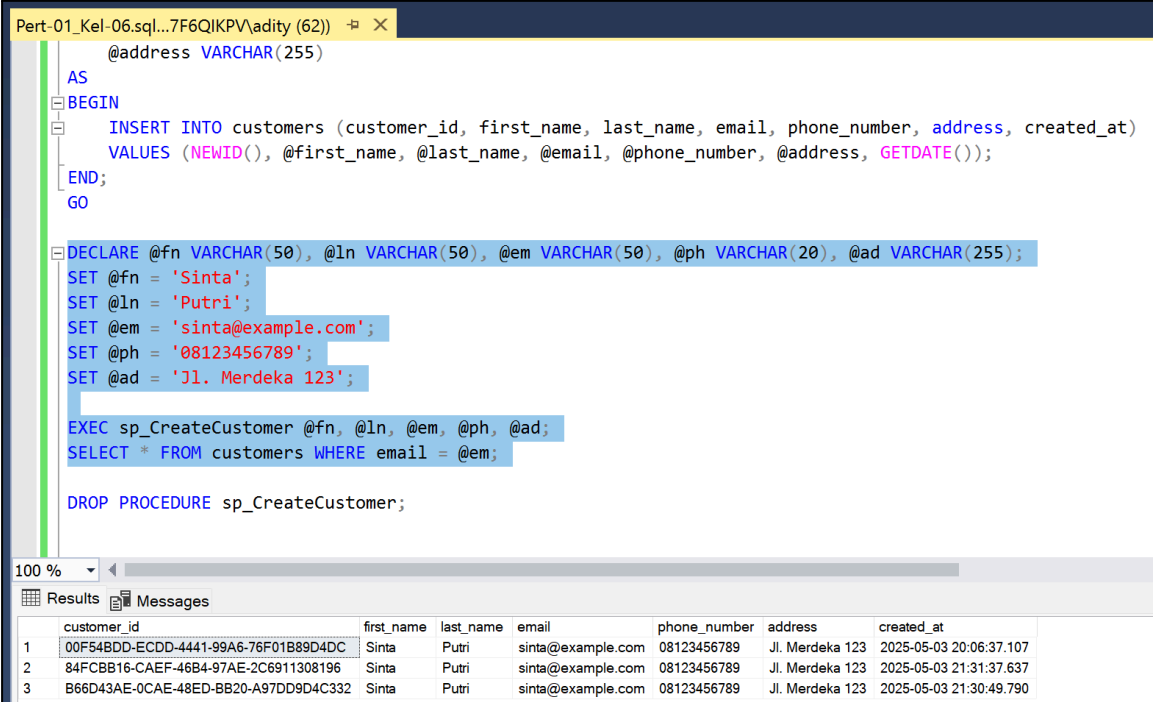
100 %
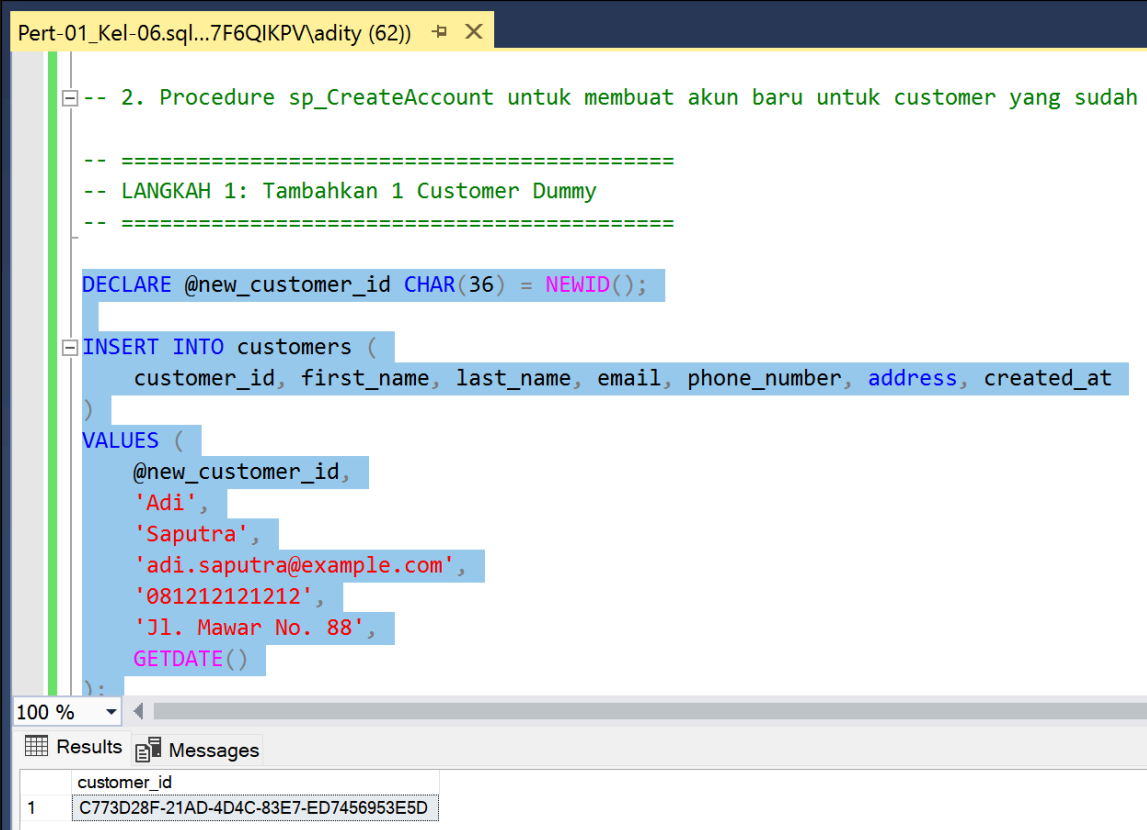
Messages

```
Commands completed successfully.

Completion time: 2025-05-03T21:32:29.1838471+07:00
```

2. **Procedure sp_CreateAccount untuk membuat akun baru untuk customer yang sudah ada: input customer_id, account_number, account_type, balance. Notes: Tambahkan validasi untuk memastikan bahwa customer_id benar benar ada pada table customers.**

Screenshot:

```
Pert-01_Kel-06.sql...7F6QIKPV\adity (62))    X

-- 2. Procedure sp_CreateAccount untuk membuat akun baru untuk customer yang sudah

-- ==========================================
-- LANGKAH 1: Tambahkan 1 Customer Dummy
-- ==========================================

DECLARE @new_customer_id CHAR(36) = NEWID();

INSERT INTO customers (
    customer_id, first_name, last_name, email, phone_number, address, created_at
)
VALUES (
    @new_customer_id,
    'Adi',
    'Saputra',
    'adi.saputra@example.com',
    '081212121212',
    'Jl. Mawar No. 88',
    GETDATE()
);
```

100 %

Results   Messages

	customer_id
1	C773D28F-21AD-4D4C-83E7-ED7456953E5D

```
-- ========================================
-- LANGKAH 2: Buat Prosedur sp_CreateAccount
-- ========================================

CREATE PROCEDURE sp_CreateAccount
    @customer_id CHAR(36),
    @account_number CHAR(10),
    @account_type VARCHAR(50),
    @balance DECIMAL(18,2)
AS
BEGIN
    IF EXISTS (SELECT 1 FROM customers WHERE customer_id = @customer_id)
    BEGIN
        INSERT INTO accounts (
            account_id, customer_id, account_number, account_type, balance, created_at
        )
        VALUES (
            NEWID(), @customer_id, @account_number, @account_type, @balance, GETDATE()
        );
    END
```

Messages

Commands completed successfully.

Completion time: 2025-05-03T21:37:19.2887732+07:00

```
-- ========================================
-- LANGKAH 3: Eksekusi sp_CreateAccount
-- (menggunakan ID customer yang barusan dibuat)
-- ========================================

-- List customer ID
SELECT customer_id, first_name FROM customers WHERE email = 'adi.saputra@example.com';

-- Menjalankan prosedur sp_CreateAccount
DECLARE @cid CHAR(36), @accnum CHAR(10), @acctype VARCHAR(50), @bal DECIMAL(18,2);

-- Gunakan ID hasil dari langkah sebelumnya
SET @cid = 'C773D28F-21AD-4D4C-83E7-ED7456953E5D';
SET @accnum = 'ACC100001';
SET @acctype = 'savings';
SET @bal = 500000;

EXEC sp_CreateAccount @cid, @accnum, @acctype, @bal;

-- ========================================
-- LANGKAH 4: Verifikasi akun berhasil dibuat
```

Results | Messages

	customer_id	first_name
1	1745BAC5-B03B-474A-A348-DED69AEAF2FE	Adi
2	663996F8-DE8F-4592-A8B9-79477E2FDCD1	Adi
3	C773D28F-21AD-4D4C-83E7-ED7456953E5D	Adi
4	DCD115AF-C459-4EC5-B682-46F583509F5D	Adi
5	F5EDBEBB-46B2-4B87-91B1-45969AC89734	Adi

Pert-01_Kel-06.sql...7F6QIKPV\adity (62))* ┼ ✕

```sql
-- =========================================
-- LANGKAH 3: Eksekusi sp_CreateAccount
-- (menggunakan ID customer yang barusan dibuat)
-- =========================================

-- List customer ID
SELECT customer_id, first_name FROM customers WHERE email = 'adi.saputra@example.com';

-- Menjalankan prosedur sp_CreateAccount
DECLARE @cid CHAR(36), @accnum CHAR(10), @acctype VARCHAR(50), @bal DECIMAL(18,2);

-- Gunakan ID hasil dari langkah sebelumnya
SET @cid = 'C773D28F-21AD-4D4C-83E7-ED7456953E5D';
SET @accnum = 'ACC100001';
SET @acctype = 'savings';
SET @bal = 500000;

EXEC sp_CreateAccount @cid, @accnum, @acctype, @bal;

-- =========================================
-- LANGKAH 4: Verifikasi akun berhasil dibuat
```

100 % ◄

▤ Messages

```
(1 row affected)

Completion time: 2025-05-03T21:40:38.4650073+07:00
```

Pert-01_Kel-06.sql...7F6QIKPV\adity (62))* ┼ ✕

```sql
-- =========================================
-- LANGKAH 3: Eksekusi sp_CreateAccount
-- (menggunakan ID customer yang barusan dibuat)
-- =========================================

-- List customer ID
SELECT customer_id, first_name FROM customers WHERE email = 'adi.saputra@example.com';

-- Menjalankan prosedur sp_CreateAccount
DECLARE @cid CHAR(36), @accnum CHAR(10), @acctype VARCHAR(50), @bal DECIMAL(18,2);

-- Gunakan ID hasil dari langkah sebelumnya
SET @cid = 'aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa';
SET @accnum = 'ACC100001';
SET @acctype = 'savings';
SET @bal = 500000;

EXEC sp_CreateAccount @cid, @accnum, @acctype, @bal;

-- =========================================
-- LANGKAH 4: Verifikasi akun berhasil dibuat
```

100 % ◄

▤ Messages

```
Msg 50000, Level 16, State 1, Procedure sp_CreateAccount, Line 19 [Batch Start Line 760]
Customer ID tidak ditemukan.

Completion time: 2025-05-03T21:39:54.2476357+07:00
```

Pert-01_Kel-06.sql...7F6QIKPV\adity (62))*

```sql
-- ===========================================
-- LANGKAH 4: Verifikasi akun berhasil dibuat
-- ===========================================

DECLARE @accnum CHAR(10);
SET @accnum = 'ACC100001';

SELECT * FROM accounts WHERE account_number = @accnum;

-- ===========================================
-- LANGKAH 5 (Opsional): Hapus prosedur
-- ===========================================

DROP PROCEDURE sp_CreateAccount;


-- 3. Procedure sp_MakeTransaction untuk menambahkan transaksi baru: input account_id, transaction_type

    -- ===========================================
    -- LANGKAH 1: Membuat prosedur sp MakeTransaction
```

100 %

Results | Messages

	account_id	customer_id	account_number	account_type	balance	created_at
1	2180D01A-465B-45F2-BA51-89561777723B	C773D28F-21AD-4D4C-83E7-ED7456953E5D	ACC100001	savings	500000.00	2025-05-03 21:40:38.450
2	29514E7D-7DA0-48B2-B80A-BCC23448D542	1745BAC5-B03B-474A-A348-DED69AEAF2FE	ACC100001	savings	500000.00	2025-05-03 20:43:53.390
3	628C31FD-FF53-4EAE-9C41-CD130C4F5A1E	C773D28F-21AD-4D4C-83E7-ED7456953E5D	ACC100001	savings	500000.00	2025-05-03 21:38:40.730
4	A9508743-8718-4CEC-A90D-9C250931B952	1745BAC5-B03B-474A-A348-DED69AEAF2FE	ACC100001	savings	500000.00	2025-05-03 20:43:33.183

```sql
-- ==========================================
-- LANGKAH 5 (Opsional): Hapus prosedur
-- ==========================================

DROP PROCEDURE sp_CreateAccount;


-- 3. Procedure sp_MakeTransaction untuk menamb

-- ==========================================
-- LANGKAH 1: Membuat prosedur sp_MakeTransacti
-- Termasuk validasi: jika transfer melebihi sa
-- ==========================================

CREATE PROCEDURE sp_MakeTransaction
    @account_id CHAR(36),
    @transaction_type_id INT,
    @amount DECIMAL(18,2),
    @description VARCHAR(100),
    @reference_account CHAR(36) = NULL
```

Messages
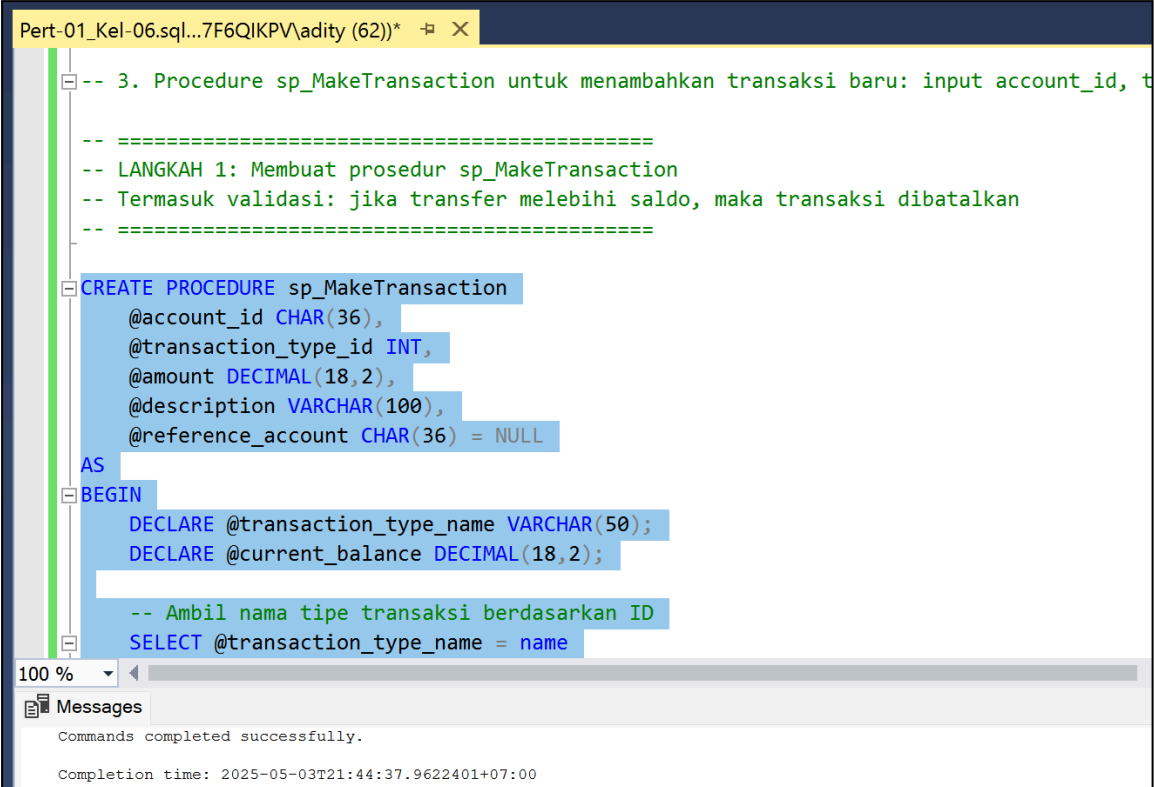
```
Commands completed successfully.

Completion time: 2025-05-03T21:42:04.0969224+07:00
```

3. **Procedure sp_MakeTransaction untuk menambahkan transaksi baru: input account_id, transaction_type_id, amount, description, reference_account (opsional). <mark>Notes: Tambahkan validasi untuk transfer, jika jumlah transfer melebihi balance maka transaksi dihentikan.</mark>**

Screenshot:


```sql
-- 3. Procedure sp_MakeTransaction untuk menambahkan transaksi baru: input account_id, t

-- ==========================================
-- LANGKAH 1: Membuat prosedur sp_MakeTransaction
-- Termasuk validasi: jika transfer melebihi saldo, maka transaksi dibatalkan
-- ==========================================
CREATE PROCEDURE sp_MakeTransaction
    @account_id CHAR(36),
    @transaction_type_id INT,
    @amount DECIMAL(18,2),
    @description VARCHAR(100),
    @reference_account CHAR(36) = NULL
AS
BEGIN
    DECLARE @transaction_type_name VARCHAR(50);
    DECLARE @current_balance DECIMAL(18,2);

    -- Ambil nama tipe transaksi berdasarkan ID
    SELECT @transaction_type_name = name
```

```
Messages
Commands completed successfully.

Completion time: 2025-05-03T21:44:37.9622401+07:00
```

```
-- =============================================
-- LANGKAH 2: Menjalankan prosedur sp_MakeTransaction
-- Gunakan ID akun dan jenis transaksi yang valid
-- =============================================

-- List account ID
SELECT account_id, account_number, balance FROM accounts;

-- Deklarasi variabel
DECLARE @accid CHAR(36), @ttid INT, @amt DECIMAL(18,2), @desc VARCHAR(100), @ref CHAR(36);

-- Ganti nilai berikut dengan data valid dari tabel Anda
SET @accid = '0937445f-d5eb-4ef9-887f-4173fe662dd4';      -- isi dengan ID
SET @ttid = 2;                                            -- 2 = transfer
SET @amt = 5000;                                          -- nominal transfer
SET @desc = 'Transfer ke teman';
SET @ref = NULL;                                          -- bisa diisi akun tujuan jika ingin

-- Jalankan prosedur
EXEC sp_MakeTransaction @accid, @ttid, @amt, @desc, @ref;
```

	account_id	account_number	balance
1	07a36a4b-7943-4634-b17a-7c7eb4407cd3	8346813622	3573.55
2	0937445f-d5eb-4ef9-887f-4173fe662dd4	0925361770	7739.25
3	1118a259-aa7d-402b-9f1f-72555ed15180	7713339428	11518.16
4	11d9d6f7-35d3-4ba3-bcca-a6b1e8f68519	4643651470	9879.43
5	14f24b1b-6e86-4cb3-bbc4-0293bc90f756	6037525484	11555.86
6	15b082e5-92e7-4375-a7d9-f7224d35ba13	2504168116	9419.50
7	15c1de08-94a5-482d-9db5-682a1581ed84	6264480743	11309.22
8	17a9ed0a-5ed3-41d6-9e20-df434296c83d	1861310439	11644.05
9	1afc36b6-ae72-48ff-9d51-5f57fac653bc	9736407913	10013.89
10	1d97bce1-5c94-49e4-8e2a-6ad56b99afb0	9533820584	8003.75
11	2156bbb2-c082-45e5-a5d6-f66752c37690	9400361433	9479.91
12	2180D01A-465B-45F2-BA51-89561777723B	ACC100001	500000.00
13	2229fe26-cc7f-4a58-9caf-d79a7f45b93e	0531000214	9413.20
14	29514E7D-7DA0-48B2-B80A-BCC23448D542	ACC100001	500000.00
15	2b4fc68b-f926-4889-910b-634ad923efea	3303452230	11356.47
16	2fdf706a-7187-470c-a1c3-f3e747b72f20	8378959584	7550.53
17	309d1066-7bcf-4772-9c5f-16aff605512e	9913196358	9189.11
18	318c43bf-9511-4030-bd13-81a47a4b8cac	2528373607	7854.32
19	34e9be76-4674-4d0f-b7c0-a39e43548747	2187973070	8590.58
20	36f3d280-2886-4e51-adcd-dfc644e59d80	9387902534	8374.51
21	39e495d4-8be7-45fa-aab6-1ee6312cdd04	1555272741	9563.96
22	3a6e7b4a-c8db-4750-bbbc-a337ef92efe4	0080929534	9364.19

Query executed successfully.

```
-- ============================================
-- LANGKAH 2: Menjalankan prosedur sp_MakeTransaction
-- Gunakan ID akun dan jenis transaksi yang valid
-- ============================================

-- List account ID
SELECT account_id, account_number, balance FROM accounts;

-- Deklarasi variabel
DECLARE @accid CHAR(36), @ttid INT, @amt DECIMAL(18,2), @desc VARCHAR(100), @ref CHAR(36);

-- Ganti nilai berikut dengan data valid dari tabel Anda
SET @accid = '0937445f-d5eb-4ef9-887f-4173fe662dd4';      -- isi dengan ID
SET @ttid = 2;                                             -- 2 = transfer
SET @amt = 1000;                                           -- nominal transfer
SET @desc = 'Transfer ke teman';
SET @ref = NULL;                                           -- bisa diisi akun tujuan jika ingin

-- Jalankan prosedur
EXEC sp_MakeTransaction @accid, @ttid, @amt, @desc, @ref;
```

Messages

```
(1 row affected)

(1 row affected)

Completion time: 2025-05-03T21:47:37.8958122+07:00
```

```
-- ============================================
-- LANGKAH 2: Menjalankan prosedur sp_MakeTransaction
-- Gunakan ID akun dan jenis transaksi yang valid
-- ============================================

-- List account ID
SELECT account_id, account_number, balance FROM accounts;

-- Deklarasi variabel
DECLARE @accid CHAR(36), @ttid INT, @amt DECIMAL(18,2), @desc VARCHAR(100), @ref CHAR(36);

-- Ganti nilai berikut dengan data valid dari tabel Anda
SET @accid = '0937445f-d5eb-4ef9-887f-4173fe662dd4';      -- isi dengan ID
SET @ttid = 2;                                             -- 2 = transfer
SET @amt = 999999;                                         -- nominal transfer
SET @desc = 'Transfer ke teman';
SET @ref = NULL;                                           -- bisa diisi akun tujuan jika ingin

-- Jalankan prosedur
EXEC sp_MakeTransaction @accid, @ttid, @amt, @desc, @ref;
```

Messages

```
Msg 50000, Level 16, State 1, Procedure sp_MakeTransaction, Line 25 [Batch Start Line 846]
Saldo tidak mencukupi untuk transfer.

Completion time: 2025-05-03T21:48:31.2154489+07:00
```

```
-- ==========================================
-- LANGKAH 3: Verifikasi hasil transaksi
-- ==========================================

DECLARE @accid CHAR(36);
SET @accid = '0937445f-d5eb-4ef9-887f-4173fe662dd4';

-- Cek transaksi terakhir untuk akun tersebut
SELECT TOP 5 * FROM transactions WHERE account_id = @accid ORDER BY transaction_date DESC;

-- Cek saldo terkini setelah transaksi
SELECT balance FROM accounts WHERE account_id = @accid;

-- ==========================================
-- LANGKAH 4 (Opsional): Hapus prosedur latihan
-- ==========================================

DROP PROCEDURE sp_MakeTransaction;


-- 4. Procedure sp_GetCustomerSummary untuk menampilkan ringkasan data customer berdasarkan customer_id: 1. Nama leng
```

100 %

Results | Messages

	transaction_id	account_id	transaction_type_id	amount	transaction_date	description	reference_account
1	CAC403C9-E3D8-4B21-ABB6-AE17D93A75F6	0937445f-d5eb-4ef9-887f-4173fe662dd4	2	1000.00	2025-05-03 21:47:37.883	Transfer ke teman	NULL
2	063e014a-839b-4ed2-b3a3-510e528f961c	0937445f-d5eb-4ef9-887f-4173fe662dd4	1	122.10	2025-03-05 00:22:17.000	Et quidem locis pluribus	NULL

	balance
1	6739.25

```sql
-- =========================================
-- LANGKAH 4 (Opsional): Hapus prosedur latihan
-- =========================================

DROP PROCEDURE sp_MakeTransaction;


-- 4. Procedure sp_GetCustomerSummary untuk mena

CREATE PROCEDURE sp_GetCustomerSummary
    @customer_id CHAR(36)
AS
BEGIN
    SELECT
        CONCAT(c.first_name, ' ', c.last_name) A
        COUNT(DISTINCT a.account_id) AS total_ac
        SUM(a.balance) AS total_balance,
        COUNT(DISTINCT CASE WHEN l.status = 'act
        SUM(CASE WHEN l.status = 'active' THEN l
    FROM customers c
```
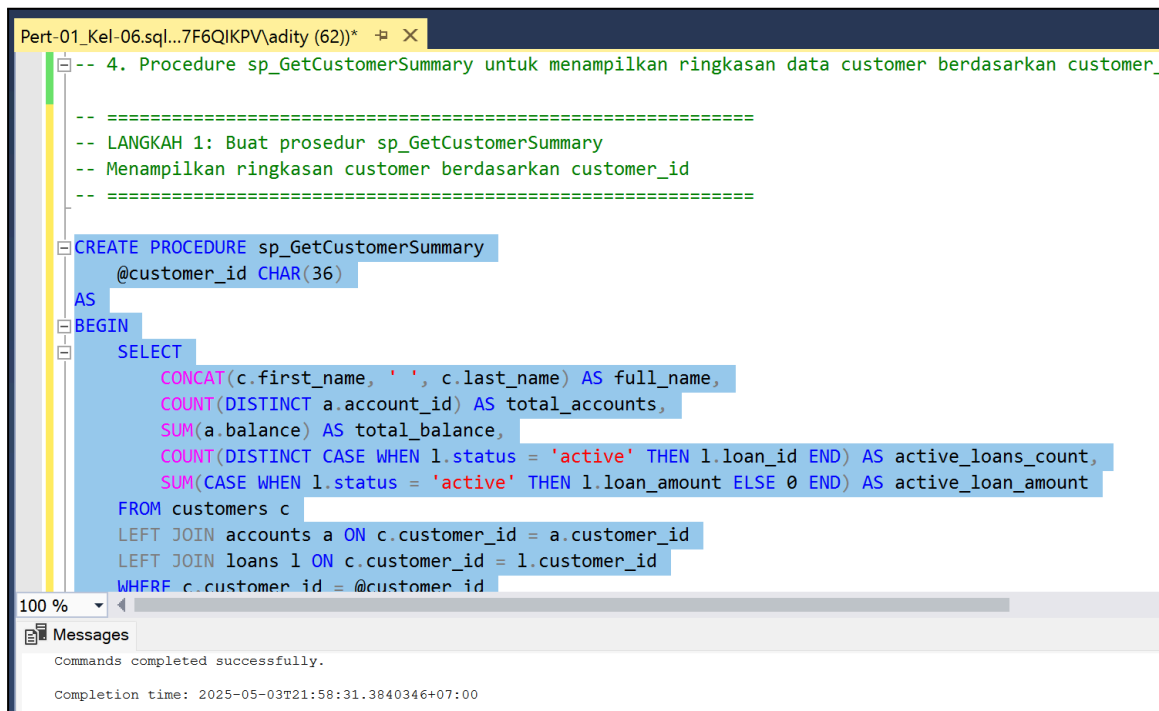
100 %

Messages

Commands completed successfully.

Completion time: 2025-05-03T21:51:56.8167665+07:00

4. **Procedure sp_GetCustomerSummary untuk menampilkan ringkasan data customer berdasarkan customer_id:**

    1. Nama lengkap customer

    2. Jumlah akun yang dimiliki

    3. Jumlah total saldo semua akun

    4. Jumlah pinjaman aktif

    5. Total pinjaman amount aktif

Screenshot:

```sql
-- ============================================================
-- LANGKAH 2: Menjalankan prosedur sp_GetCustomerSummary
-- Gunakan ID customer yang valid dari tabel customers
-- ============================================================

-- List customer ID
SELECT customer_id, first_name FROM customers;

-- Deklarasi variabel
DECLARE @cust CHAR(36);

-- Ganti dengan customer_id yang valid (misalnya dari Sinta)
SET @cust = '00F54BDD-ECDD-4441-99A6-76F01B89D4DC';

-- Eksekusi prosedur
EXEC sp_GetCustomerSummary @cust;


-- ============================================================
-- LANGKAH 3 (Opsional): Hapus prosedur latihan
-- ============================================================
```

	customer_id	first_name
1	00F54BDD-ECDD-4441-99A6-76F01B89D4DC	Sinta
2	079cd6ce-04a8-4c55-8c2b-b93189e9050a	Sergeant
3	0bedb8d0-0c5a-48a9-bae1-5b1fbecf4a10	Shaine
4	0ca06e8d-a7a2-40c4-893b-128336ffdf54	Buddie
5	13aac759-5c49-42dc-9693-0f46cb1337bb	Stephanus
6	14f35ff7-5574-4e12-ad89-7e7704a02e62	Corette
7	1745BAC5-B03B-474A-A348-DED69AEAF2FE	Adi
8	1833e0d4-fd6c-4474-b416-3ce9e539b363	Devon
9	1b056bda-e6c8-46bb-a706-8db8c2e53061	Jacquenette
10	1ea5ec60-3f36-4896-af24-13ee03bf06d9	Bobette
11	1f2aa50e-b682-43da-b36e-f33d041691dc	Donnajean
12	1f72084e-90f3-4334-9b8f-a3b350c2beb0	Barbabra
13	20b542e7-3b96-4059-b30a-6d09832e17de	Sandro
14	23fd617f-9912-4a67-b5cb-60147b25930c	Nester
15	26ae893b-6b51-41b9-9b07-a8d07e8a2979	Rebekah
16	27693ec7-45c9-4230-89d2-d0c98654cde7	Sidonnie
17	287bf982-89ce-44b5-bfdd-49407600309a	Niel
18	29f948c1-0d27-4e13-9126-498a6e51a079	Spike
19	33716558-b6fb-43ec-91a8-59207fe42376	Billye
20	357e3969-87b3-48e9-bd0b-4a658de0dd38	Meggi
21	3701903e-265f-402d-b8f9-5e46a67a89a6	Horst
22	37abd855-71e9-4ded-87fe-901c4ccb3d3c	Jyoti

Query executed successfully.

```sql
-- =============================================================
-- LANGKAH 2: Menjalankan prosedur sp_GetCustomerSummary
-- Gunakan ID customer yang valid dari tabel customers
-- =============================================================

-- List customer ID
SELECT customer_id, first_name FROM customers;

-- Deklarasi variabel
DECLARE @cust CHAR(36);

-- Ganti dengan customer_id yang valid (misalnya dari Sinta)
SET @cust = '00F54BDD-ECDD-4441-99A6-76F01B89D4DC';

-- Eksekusi prosedur
EXEC sp_GetCustomerSummary @cust;

-- =============================================================
-- LANGKAH 3 (Opsional): Hapus prosedur latihan
-- =============================================================
```

100 %

Results | **Messages**

	full_name	total_accounts	total_balance	active_loans_count	active_loan_amount
1	Sinta Putri	0	NULL	0	0.00

Pert-01_Kel-06.sql...7F6QIKPV\adity (62))* ⊡ ✕

```sql
-- ============================================================
-- LANGKAH 3 (Opsional): Hapus prosedur latihan
-- ============================================================

DROP PROCEDURE sp_GetCustomerSummary;
```

100 % ▾ ◀

Messages

```
Commands completed successfully.

Completion time: 2025-05-03T22:01:57.9766772+07:00
```