LAPORAN PRAKTIKUM JOBSHEET 12 : METADATA

Disusun untuk memenuhi nilai tugas Mata Kuliah : Praktikum Basis Data Lanjut



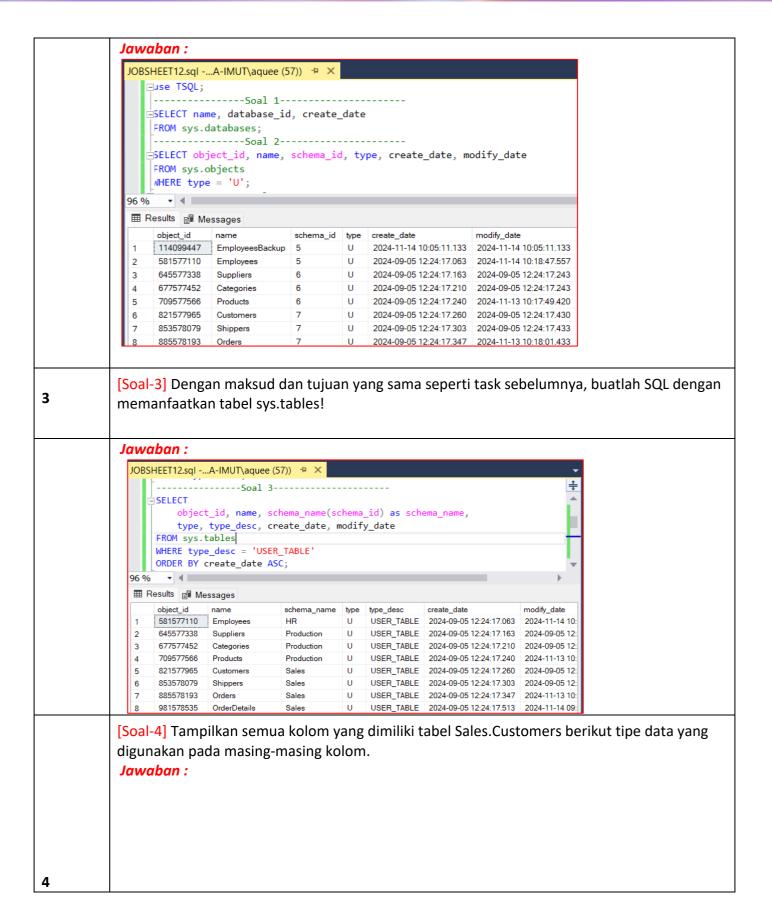
Oleh:

Aqueena Regita Hapsari SIB 2B 2341760096

PROGRAM STUDI D-IV SISTEM INFORMASI BISNIS
POLITEKNIK NEGERI MALANG
TAHUN AJARAN 2024/2025

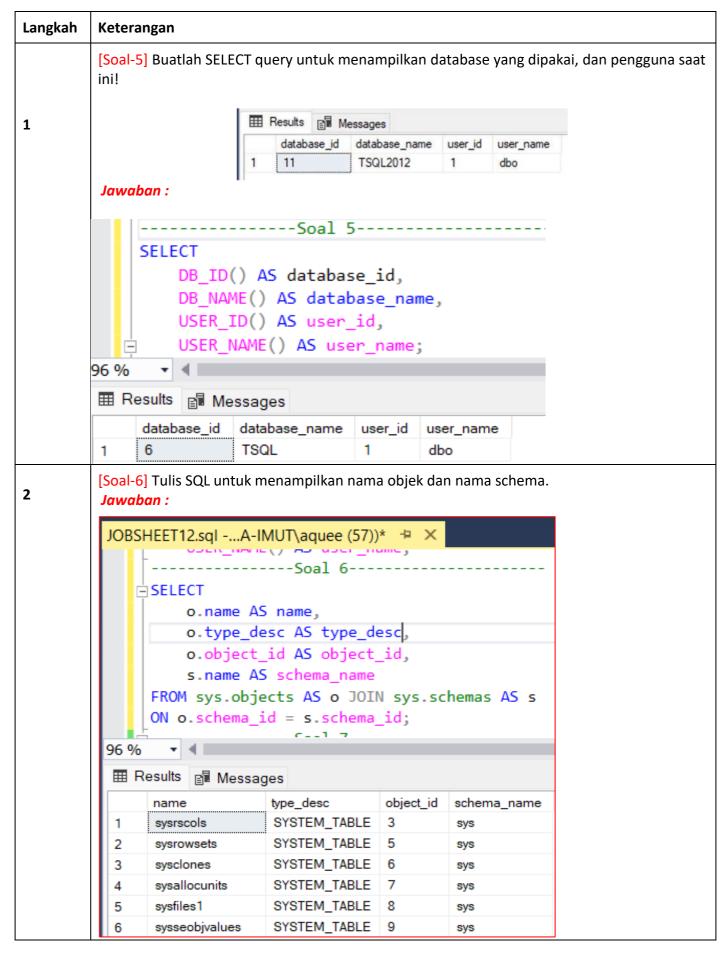
<u>Praktikum – Bagian 1: View-view yang Berkaitan dengan System Catalog</u>

	Keter	rangan				
1	[Soal-1] Buatlah SQL yang menampilkan nama, id, dan tanggal pembuatan semua database yang ada di server SQL Server					
	Jawab	Jawaban :				
	SELECT name, database_id, create_date FROM sys.databases;					
	96 % ▼ ◀ ■ Results ■ Messages					
		name	database	_id	create_date	
	1	master	1		2003-04-08 09:13:36.390	
	2	tempdb	2		2024-11-21 04:46:57.023	
	3	model	3		2003-04-08 09:13:36.390	
	4	msdb	4		2019-09-24 14:21:42.270	
	5	percobaan	5		2024-08-29 14:11:15.113	
	6	TSQL	6		2024-09-05 12:16:54.370	
	7	tokosepeda	7		2024-09-27 00:09:46.250	
	_	s)!				
	Petur	•			tuk memfilter tabel yang se	suai!
	Petur	•		Results	⊞ Messages	suai!
	<u>Petur</u>	•		Results	Messages type_desc	suai!
	<u>Petur</u>	•		Results	⊞ Messages	suai!
	<u>Petur</u>	•	1	Results type SQ	Messages type_desc SERVICE_QUEUE	suai!
	<u>Petur</u>	•	1 2 3 4	type SQ U V S	type_desc SERVICE_QUEUE USER_TABLE VIEW SYSTEM_TABLE	suai!
	<u>Petur</u>	•	1 2 3 4 5	Results type SQ U V S IT	type_desc SERVICE_QUEUE USER_TABLE VIEW SYSTEM_TABLE INTERNAL_TABLE	suai!
	Petur	•	1 2 3 4	type SQ U V S	type_desc SERVICE_QUEUE USER_TABLE VIEW SYSTEM_TABLE	suai!
		njuk: Perhatikan	1 2 3 4 5 6	Results type SQ U V S IT P	type_desc SERVICE_QUEUE USER_TABLE VIEW SYSTEM_TABLE INTERNAL_TABLE SQL_STORED_PROCEDURE	suai!
		•	1 2 3 4 5 6	Results type SQ U V S IT P	type_desc SERVICE_QUEUE USER_TABLE VIEW SYSTEM_TABLE INTERNAL_TABLE SQL_STORED_PROCEDURE	suai!
		njuk: Perhatikan	1 2 3 4 5 6	Results type SQ U V S IT P	type_desc SERVICE_QUEUE USER_TABLE VIEW SYSTEM_TABLE INTERNAL_TABLE SQL_STORED_PROCEDURE	suai!
		njuk: Perhatikan	1 2 3 4 5 6	Results type SQ U V S IT P	type_desc SERVICE_QUEUE USER_TABLE VIEW SYSTEM_TABLE INTERNAL_TABLE SQL_STORED_PROCEDURE	suai!
		njuk: Perhatikan	1 2 3 4 5 6	Results type SQ U V S IT P	type_desc SERVICE_QUEUE USER_TABLE VIEW SYSTEM_TABLE INTERNAL_TABLE SQL_STORED_PROCEDURE	suai!
		njuk: Perhatikan	1 2 3 4 5 6	Results type SQ U V S IT P	type_desc SERVICE_QUEUE USER_TABLE VIEW SYSTEM_TABLE INTERNAL_TABLE SQL_STORED_PROCEDURE	suai!
		njuk: Perhatikan	1 2 3 4 5 6	Results type SQ U V S IT P	type_desc SERVICE_QUEUE USER_TABLE VIEW SYSTEM_TABLE INTERNAL_TABLE SQL_STORED_PROCEDURE	suai!

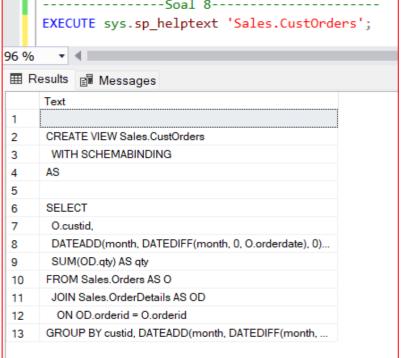


```
JOBSHEET12.sql -...A-IMUT\aquee (57))*   □   ×
     -----Soal 4-----
   SELECT
         COLUMN NAME AS column name,
         DATA_TYPE AS data_type,
         CHARACTER_MAXIMUM_LENGTH AS max_length,
         NUMERIC_PRECISION AS PRECISION,
         NUMERIC_SCALE AS scale,
         COLLATION_NAME AS collation_name
     FROM INFORMATION_SCHEMA.COLUMNS
     WHERE TABLE_NAME = 'Customers' AND TABLE_SCHEMA = 'Sales';
      ▼ 4 III
96 %
column_name data_type max_length PRECISION scale collation_name
                         NULL
                                   10
                                             0
                                                   NULL
     custid
                 int
2
                         40
                                    NULL
                                             NULL SQL_Latin1_General_CP1_CI_AS
     companyname nvarchar
3
    contactname
                nvarchar 30
                                   NULL
                                             NULL SQL_Latin1_General_CP1_CI_AS
    contacttitle
                 nvarchar 30
                                   NULL
                                             NULL SQL_Latin1_General_CP1_CI_AS
 5
     address
                nvarchar 60
                                   NULL
                                             NULL SQL_Latin1_General_CP1_CI_AS
 6
     city
                nvarchar 15
                                   NULL
                                             NULL SQL_Latin1_General_CP1_CI_AS
                                   NULL
                                             NULL SQL_Latin1_General_CP1_CI_AS
 7
     region
                nvarchar
                         15
8
                                    NULL
                                             NULL SQL_Latin1_General_CP1_CI_AS
     postalcode
                nvarchar
                         10
9
                 nvarchar
                         15
                                    NULL
                                             NULL SQL_Latin1_General_CP1_CI_AS
     country
                                    NULL
 10
     phone
                 nvarchar
                         24
                                             NULL SQL_Latin1_General_CP1_CI_AS
                 nvarchar
                         24
                                    NULL
                                            NULL SQL_Latin1_General_CP1_CI_AS
```

Praktikum – Bagian 2: Melakukan Kueri Terhadap System Functions



[Soal-7] Buatlah SQL untuk menampilkan data semua kolom dari tabel yang dibuat oleh user, yang di nama kolomnya ada kata "name" Jawaban: JOBSHEET12.sql -...A-IMUT\aquee (57)) □ × -----Soal 7------SELECT c.name AS column_name, t.name AS table_name, s.name AS schema_name 3 FROM sys.columns AS c JOIN sys.tables AS t on c.object_id = t.object_id JOIN sys.schemas AS s ON t.schema_id = s.schema_id WHERE c.name LIKE '%name%'; 96 % **▼** | 4 | 1 column_name table_name schema_name EmployeesBackup HR firstname 2 EmployeesBackup HR lastname firstname Employees HR 3 Employees HR 4 lastname 5 companyname Suppliers Production Production 6 contactname Suppliers 7 Categories Production categoryname 8 Products Production productname Customers Sales 9 companyname contactname Customers Sales [Soal-8] Tampilkan 'definisi' dari sebuah view yang bernama 'Sales.CustOrders'! 4 Jawaban: -----Soal 8-----EXECUTE sys.sp_helptext 'Sales.CustOrders'; 96 %



Praktikum – Bagian 3: System Dynamic Management View

