Database Management System – I Practical List
Practical – 1, 2 and 3 Task

1	**Introduction to SQL Server, Management Studio (Editor), Data Types, Tables, Fields & Records** **PART A:** 1. Why Database? Advantages of Database. 2. What is SQL? Components of SQL (DDL, DML, DQL) 3. Introduction to Editor (SQL Server Management Studio). 4. Introduction to Database, Table, Field, Row, Record. 5. Introduction to various data types INT, BIGINT, CHAR, VARCHAR, FLOAT, DATETIME
2	**Perform DDL Commands** **PART A:** 1. **Create Database:** Online_Shopping_System_RollNo (**Example**, Online_Shopping_System_101) 2. **Create following tables;** **1.) Table Name: Customer_Detail and Display structure of table**

Sr. No.	Column Name	Datatype(size)
1	C_ID	int
2	C_FirstName	varchar(50)
3	C_MiddleName	varchar(50)
4	C_LastName	varchar(50)
5	C_ContactNo	bigint
6	C_Address	varchar(50)
7	C_City	varchar(50)
8	C_Zipcode	int
9	C_Country	varchar(50)

2.) Table Name: Category_Detail and display structure of table

Sr. No.	Column Name	Datatype(size)
1	Cat_ID	int
2	Cat_Name	varchar(50)
3	Cat_Description	varchar(70)

3.) Table Name: Product_Detail and display structure of table

Sr. No.	Column Name	Datatype(size)
1	P_ID	int
2	P_Name	varchar(30)
3	P_Description	varchar(100)
4	P_Price	float
5	P_StockQuantity	int
6	P_Rating	float

4.) Table Name: Order_Detail and display structure of table

Sr. No.	Column Name	Datatype(size)
1	O_ID	int
2	O_DateTime	datetime
3	O_TotalAmout	float

4	O_Status	varchar(30)
5	C_ID	int

5.) Table Name: Order_Item_Detail and display structure of table

Sr. No.	Column Name	Datatype(size)
1	O_I_ID	int
2	O_ID	int
3	P_ID	int
4	O_I_Quantity	int
5	O_I_Unit_Price	float
6	O_Total_Price	Float

6.) Table Name: Payment_Detail and display structure of table

Sr. No.	Column Name	Datatype(size)
1	OP_ID	int
2	O_ID	int
3	P_DateTime	datetime
4	P_Amount	float
5	P_Method	varchar(30)
6	P_Status	varchar(30)
7	C_ID	int

7.) Table Name: Shipping_Detail and display structure of table

Sr. No.	Column Name	Datatype(size)
1	S_ID	int
2	O_ID	int
3	S_Address	varchar(50)
4	S_City	varchar(20)
5	S_Zipcode	int
6	S_Country	varchar(20)
7	S_DateTime	datetime
8	S_Status	varchar(10)
9	S_TrackingNumber	varchar(10)
10	C_ID	int

3   **Perform DML Command**
Insert the following records in tables which are created during the Practical No. 2
PART A:

1. Customer_Detail

C_ID	C_FirstName	C_MiddleName	C_LastName	C_ContactNo
101	Khushbu	D	Patel	9045781540
102	Amit	A	Parmar	9012345679
103	Priti	R	Ambani	6012345787
104	Payal	D	Vora	8102365479

105	Nikhil	F	Patel	9154786230
106	Shreya	J	Joshi	8765123490
107	Rahul	N	Jani	2567891223
108	Shyam	A	Khimani	1203456789
109	Mayuri	K	Patel	9045782350
110	Ekta	Y	Pandit	9011345679

C_Address	C_City	C_Zipcode	C_Country
Kothariya road, Block 11	Rajkot	360001	India
Ravapar road, Block 701	Morbi	363641	India
150 ft ring road, Block 301	Rajkot	360001	India
Sanala road, Block 501	Morbi	363641	India
Bhaktinagar street 3, Block 251	Jamnagar	361001	India
Lal Darwaja, Block 555	Rajkot	360001	India
Chandani Chowk Street 5, Block 201	Jamnagar	361001	India
Moti Nagar, Block M-300	Bhavnagar	364001	India
Gondal road, Block 110	Rajkot	360001	India
Meera road, Block D-101	Jamnagar	361001	India

2. **Category_Detail**

Cat_ID	Cat_Name	Cat_Description
201	Electronics	wide range of electronic devices.
202	Furniture	It includes items like sofas, tables, chairs, desks.
203	Clothing	Clothes for men, women, and children.
204	Groceries	food items and household supplies.
205	Beauty Products	range of skincare, haircare, and cosmetic items.
206	Footware	This category includes shoes, sandals, and Slippers.

3. **Product_Detail**

P_ID	P_Name	P_Description	P_Price	P_StockQuantity	P_Rating
301	Laptop	High-performance laptop for work, study, and gaming.	60000	50	4.8
302	Mobile	fast processing smartphone with best camera quality.	27550	25	4.6
303	Smart watch	fitness band with notifications and advanced health tracking features.	4000	40	4.2
304	Shirt	Comfortable, stylish shirt suitable for casual and formal wear.	1540	42	3.6
305	Sunglass	Stylish sunglasses with UV protection.	800	20	4

306	Dining Table	Decore your modern and stylish dining area.	20000	10	5
307	Office Chair	designed for ultimate comfort during long work hours.	4300	10	4.6
308	Kruta	soft fabric, perfect for festive occasions.	1050	28	3.5
309	Saree	graceful saree suitable for festive and casual wear.	5555	70	3.6
310	Facewash	cleanses and refreshes skin effectively.	199	90	4.2
311	Chess Board	Games for children	2000	23	2.5
312	Noodles	Instant noodles for a quick meal anytime.	200	80	3.5
313	Biscuit	Crunchy and delicious biscuits.	150	65	4.8

4. Order_Detail

O_ID	O_DateTime	O_TotalAmout	O_Status	C_ID
401	2023-06-10 12:25:50:000	143200	Pending	104
402	2023-04-15 10:02:10:002	11110	Shipped	101
403	2022-01-11 13:30:30:030	65250	Delivered	105
404	2023-05-07 11:11:00:020	4620	Cancelled	107
405	2021-02-22 14:15:20:004	27550	Shipped	103
406	2022-02-03 09:45:00:000	18100	Shipped	102
407	2022-02-03 09:45:00:000	2400	Pending	102
408	2023-05-23 11:30:45:001	8600	Delivered	107

5. Order_Item_Detail

O_I_ID	O_ID	P_ID	O_I_Quantity	O_I_Unit_Price	O_Total_Price
501	401	301	2	60000	120000
502	401	305	4	800	3200
503	401	306	1	20000	20000
504	405	302	1	27550	27550
505	403	301	1	60000	60000
506	404	304	3	1540	4620
507	403	308	5	1050	5250
508	402	310	2	5555	11110
509	406	313	6	150	900
510	407	305	3	800	2400
511	406	307	4	4300	17200
512	408	307	2	4300	8600

6. Payment_Detail

OP_ID	O_ID	P_DateTime	P_Amount	P_Method	P_Status	C_ID
601	401	Null	143200	COD	Pending	104
602	402	2023-04-15 10:15:15:002	11110	UPI	Completed	101
603	403	2022-01-11 13:40:40:030	65250	UPI	Completed	105
604	404	2023-05-07 11:16:00:020	4620	Credit card	Refunded	107
605	405	Null	27550	COD	Pending	103
606	406	Null	18394	COD	Pending	102
607	407	2022-02-03 09:57:00:000	2400	UPI	Completed	102
608	408	2023-05-27 11:40:45:001	8600	COD	Completed	107

7. Shipping_Detail

S_ID	O_ID	S_Address	S_City	S_Zipcode	S_Country
701	401	Kothariya road, Block 11	Jamnagar	360001	India
702	402	Ravapar road, Block 701	Morbi	363641	India
703	403	150 ft ring road, Block 301	Jamnagar	361001	India
704	405	Near ST Street 2, Block 203	Bhavnagar	364001	India
705	406	Lal Darwaja, Block 555	Rajkot	360001	India
706	407	Lal Darwaja, Block 555	Rajkot	360001	India
707	408	Sanala road, Block 501	Morbi	363641	India

S_DateTime	S_Status	S_TrackingNumber	C_ID
2023-06-16 12:25:50:000	Pending	F14O2RD540	104
2023-05-15 10:02:10:002	Completed	OE25000156	101
2022-01-17 13:30:30:030	Completed	AS100001UD	105
2021-02-25 14:15:20:004	Completed	5DKHT98AJ8	103
2022-02-15 09:45:00:000	Pending	KS50R0067U	102
2022-02-10 09:45:00:000	Completed	23XZE57CK4	102
2023-05-27 11:40:45:001	Completed	HSEQ632AB6	107