GLS UNIVERSITY
FCAIT
SY BCA (SEM – 3)
SUBJECT: DBMS-2
PRACTICAL ASSIGNMENT

customers

Customerid	firstname	lastname	city	state
10101	John	Gray	Lynden	Washington
10298	Leroy	Brown	Pinetop	Arizona
10299	Elroy	Keller	Snoqualmie	Washington
10315	Lisa	Jones	Oshkosh	Wisconsin
10325	Ginger	Schultz	Pocatello	Idaho
10329	Kelly	Mendoza	Kailua	Hawaii
10330	Shawn	Dalton	Cannon Beach	Oregon
10338	Michael	Howell	Tillamook	Oregon
10339	Anthony	Sanchez	Winslow	Arizona

items_ordered

customerid	order_date	item	quantity	price
10330	30-Jun-1998	Pogo stick	1	28.00
10101	30-Jun-1999	Raft	1	58.00
10298	01-Jul-1996	Skateboard	1	33.00
10101	01-Jul-1998	Life Vest	4	125.00
10299	06-Jul-1999	Parachute	1	1250.00
10339	27-Jul-1998	Umbrella	1	4.50
10449	13-Aug-1995	Unicycle	1	180.79
10439	14-Aug-1996	Ski Poles	2	25.50
10101	18-Aug-1998	Rain Coat	1	18.30

Solve the sql queries given below:-

1. Write an sql query to perform natural join from customers table to items_ordered.
2. Set the primary key constraint on customerid column in customers table.
3. Set foreign key constraint on customerid column in Items_ordered table.
4. Write an sql query to perform cross join from Customers to items_ordered table.
5. Write a query to perform left join from customers to items_ordered table.

6. Write a query to perform inner join from customers to items_ordered table.
7. Write an sql query to perform Union function on customerid column of customers table and items_ordered table.
8. Write an sql query to perform UNIONALL function on customerid column of customers table and items_ordered table.
9. List the item prices round to 1 decimal place.
10. List all the customers names in customers table in small letters(concatenated).
11. List the item prices round to 0 decimal place.
12. Write an sql query to perform INTERSECT alternative function on customerid column of customers table and items_ordered table.

13. Write an sql query to use CEIL numeric function on the price column of the items_ordered .
14. Write an sql query to use FlOOR numeric function on the price column of the items_ordered
15. List all Customeers names in all capital letters (concatenated).
16. List all the customers names from customer table using concatenation function AS NAME.
17. List the first three characters for the city from Customers table.
18. List the first three characters of the item from items_ordered table.
19. List all the customers last names and length of their last names AS NAMESIZE.