```
NAME of the student :- V. Dreckonih.
NAME OF the course :- DBMS
         Course SD :- CSAO563
                   :- 192372637
   No. 9 pages :- 04
   Submission cate :- 31-07-2024.
```

Create table like below and add The data's into The Table as follows:

duthor?

Bossonish

Mulihor 20	Name	Country.
. 1	jk bar	us
2	Gero	us
3	Renne	w ^{il} ,

	O				1
	Browing ID	Bokin	memberso	Boxowork	Petum pate
I	1	ŀ	1	24-6-11	NULL
l	2	2	2	24-6-10	24-07-01
	3	3	3	24-6-20	MALL
	4	4	. 4	24-7-05	14-7

Book It	Me	MarkorTo	Gense	published	year.
1	Harry	r	fantasy	1997	
2	1984	∞2	pystopian	P149	•
3	Habbb	3	fantasy	R37	
4	Animal form	Ø-1	Satine	1945	6.5 -

Hembri	o) Name	JoinDate	membership-type
1	John one	23-1-05	Regular
2	Jane Smith	23-03-22	premium
3	Alice	23-5-10	Degular.

- O Find all books by a specific (eg Grorge Orwell);
- Dist all members with define Dossowings.
- Find The most popular Genere.
- list avadue books
- and members with the most possewings
- alculate average Number & Books possowed per member.
- (3) Find the collect book in the Bloomy.

- O SELECT AFROM BOOKS WHERE OKTHORID = (SELECT denhorID FROM dethor WHERE JAME = George orwell);
- SELECT A

FROM WHERE member DO DN (SELECT Hember DD FROM BOXXXXIIII) WHIERE Return Date is NULL);

1) SELECT Genre, coult (a) of count FROM BOOKS By court pesc

. SELECT A BOX

SELECT A FROM Corrowings

WHERE Return Date convent tothe old between Date.

is Not YULL;

) SELECT Hember D. (aux (4) of count

FADY BONOWINGS

GROUP by memberso

orner by count pex

COURT 1)

) SELECT ANG (Gran)

FROM (SFIECT member SO, Occult (3) of count

I to H Domowings

Good of weapon 70;

- 3) SELECT ALBUS. COUNT (B.BOOK SD) AS COUNT

 FROM doctors of

 Left JON Books D on A. Action SD = 9 outhor SD

 Group On A. Albus)
- D Street of published your disc creek of published your disc creek;

2. Greate table like below and add the data's ento the table as follows;

Products?

product so	product Home	category	Posce	Hack Countily.
	laptop	electronics	1000	50
2	grant phone	electionics	600	200
3	Rishart	clothing	20	500
4	Feary.	clothing	40	<i>s</i> ∞.

Customers !-

-	Customes 20	Name	Emos	Join Date
	. 1	Jehn De	Tohooe@ example Com	2022-01-1
	2	Jone Smith	teremento esinte con	23-02-5
	3	Olice	altree ecomple. Com	27-3-10

Ordens:

order 10	automer	ordendate	total anount
1	1	24-06-01	1200
1 2	2	24-6-15	600
3	3	24-2-01	40

order petals.

order adala	Or op 20	padaet Do	Constitu	unitpice.
-	,	. ,	1	1000
2	. 1	2	· ·	200
3	2	2	Ţ	600
4	2	4		40.
1				

rite a guery to find all products in a specific category.

SelECT A FROM products

WHERE Glogory - 1 Checkeness;

Resulta Laptop, electronics, tooo, So.

. wrête a query to list all customers who have placed at least one order.

the SELECT A FROM Customers

WHERE CUSTOMER ID IN CIFLECT CUSTOMER ID FROM Order)

- 3. write a query -b list all orders along with their details Graduits, quartities, prices).
- FROM Orders O

 JOHN Outhoners CON O. Customer ID = C. Cuttomer ID
 - JOIN product p oN product SD = p product SD;
- 4. write a query to find the product with the highest no. 81 until fold.
- DELECT product DD, Sum As total Quantity
 from order details

- O work a query to find the customer who has sporting most money.
 - SELECT C customer In C Name, Sono (00 quantity of co unityrice)

 as total part

FROM automent C

JOIN orders o an accustomen ID = 0. Customer ID

JOIN orders bis an and a conference and orders.

Group By. C. Customer ID, C. None

ORDER By Botal Spent Dex.

LIMIN 1,

- 6) write a query to calculate the average value of all orders.
- D SELECT ANG Gotal) Amount) As average oldervalue
- (3) work a governy to find the customer who has been the stone the Longest.

 SELECT A FROM Customers

 OPDER BY JOSEN DETE ALC.

 LIMITE 1.

Could the Court Co

- Descrite a query to list all products and others their current stock quantities.
- @ SELECT product SD, product Name, stock quantity
 FROM products.