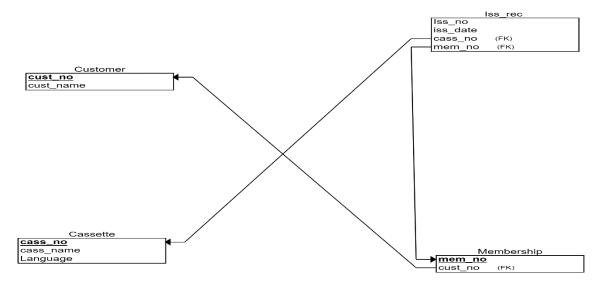
SQL QUERIES FOR VIDEO LIBRARY SCENARIO

AIM:

To execute the sql queries for video library scenario

Customer(cust_no: integer,cust_name: string) Membership(Mem_no: integer, cust_no: integer) Cassette(cass_no:integer, cass_name:string, Language: String) Iss_rec(iss_no: integer, iss_date: date, mem_no: integer, cass_no: integer) For the above schema, perform the following:- a) Neatly sketch schema diagram and identify join relationship among tables. b) Create the tables with the appropriate integrity constraints c) Insert around 10 records in each of the tables d) List all the customer names with their membership numbers e) List all the issues for the current date with the customer names and cassette names f) List the details of the customer who has borrowed the cassette whose title is "The Legend" g) Give a count of how many cassettes have been borrowed by each customer h) Give a list of book which has been taken by the student with mem_no as 5 i) List the cassettes issues for today j) Create a view which lists outs the iss_no, iss_date, cust_name,cass_name k) Create a view which lists issues-date wise for the last one week

a)



b)

```
CONTRACT TABLE Customer (

cust_no DITIGER REPRENT KEY,
cust_nomer VARCHAN(SB)

cust_no DITIGER REPRENT KEY,
cust_no DITIGER REPRENT KEY,
cust_no DITIGER REPRENT (Customer(cust_no))

Relate Table Cassette (

cass_no DITIGER REPRENT KEY,
cass_name VARCHAN(SB)

languages VARCHAN(SB)

languages VARCHAN(SB)

cass_name VARCHAN(SB)

languages VARCHAN(SB)

languages VARCHAN(SB)

cass_name VARCHAN(SB)

languages VARCH
```

C)

d)

```
8
9 SELECT c.cust_name, m.mem_no FROM Customer c
0 INNER JOIN Membership m ON c.cust_no = m.cust_no;
1
2
esults Explain Describe Saved SQL History
```

Results Explain Describe Saved SQL History	
CUST_NAME	MEM_NO
Bob Williams	4
Sophia Miller	7
James Anderson	10
John Doe	1
Michael Brown	6
Jane Smith	2
Alice Johnson	3
Olivia Taylor	9
Emily Davis	5
William Wilson	8
10 rows returned in 0.02 seconds Download	

e)

```
SELECT C.cust_name, Ca.cass_name FROM Customer C INNER JOIN Membership m ON c.cust_no = m.cust_no
INNER JOIN Iss_rec i ON namem no = i.mem_no INNER JOIN Cassette ca ON i.cass_no = ca.cass_no
MERE i.iss_date = trunc(sysdate);

CUST_NAME

CASS_NAME

Con Doe

CUST_NAME

CASS_NAME

On Doe

On The Legend

On Avatar

Jaine Smith

Fantastic Voyage

Alice Johnson

Cone with the Wind

Sophia Miller

William Wilkon

Pulo Fiction
```

f)

```
65 SELECT C. COUST, mane, i. i. iss_date FROM Customer c TINER XXVII Membership in Oil c. Coust_no = in. coust_no
67 TINER XXVII Iss_rec i Oil in.nem_no = i.nem_no TINER XXVII Cassette ca Oil i.cass_no = ca.cass_no
68 WEELE ca.cass_mane = 'The Legend';
69 TOUST_NAME

CUST_NAME

CUST_NAME

CUST_NAME

CUST_NAME

CUST_NAME

Cust_no Cus
```

g)

h)

```
273
274 SSLECT Ca.cass_name PROV Cassette ca INER NOW Iss_rect in Ca.cass_no = i.cass_no
275 MARKE i.nen_no = 5;

Results Explain Describe Sered SQL History

CASS_NAME

Inception

Towns etumed in O.05 seconds Durnical
```

i)

j)

```
CREATE VIEW Iss Details AS SELECT i.iss no, i.iss date, c.cust name, ca.cass name

FROM Iss_rec i INMER JOIN Wendership in ON i.mem_no = m.Wem_no INMER JOIN Customer c ON m.cust_no = c.cust_no

NewNormal Cassette ca ON i.cass_no = ca.cass_no;

Results Explain Describe Saved SQL History

View created.

OD4 seconds
```

k)

```
Office of the control of the control
```