Assignment 1-4

DBMS LAB
IT552

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Fifth Semester

Information Technology (HY)

35. Find out which customers have been issued movie number 3
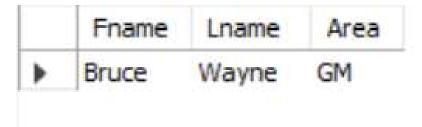
Using MySQL

```
select * from cust where cust_id = (select cust_id from
invoice where mv_no = 3);
```

	cust_id	Lname	Fname	Area	Phone_number
▶	002	Parker	Peter	NY	13748713

36. Find the customer's name and area with invoice number 'A1'

Using MySQL

```
select Fname, Lname, Area from cust where cust_id =
(select cust_id from invoice where inv_no ='A1');
```

	Fname	Lname	Area
▶	Bruce	Wayne	GM

37. Find the name of the movie issued to either 'Peter' or 'Bruce'

Using MySQL

```
select title from movie where Mv_no in (select mv_no from
invoice where cust_id in (select cust_id from cust where
Fname in ('Peter','Bruce')));
```

Title
Lost in Translation
Deadpool
Mission Impossible

38. Find the type and movie number of the movie issued to the customers with cust_id '001' or '002'

Using MySQL

```
select Type,Mv_no from movie where Mv_no in (select mv_no from invoice where cust_id in ('001','002'));
```

	Type	Mv_no
▶	Comedy	3
	Romance	6

39. Find out if the movie starring 'Tom Cruise' is issued to any customer and print the cust_id of customer to whom it is issued

Using MySQL

```
select cust_id from invoice where mv_no in (select mv_no from movie where star='Tom Cruise');
```

	cust_id
▶	003

40. Find the customer names and phone numbers who have been issued movies before the month of august

Using MySQL

```
select Fname, Lname, Phone_number from cust where cust_id in (select cust_id from invoice where Issue_date < "2021-08-01");
```
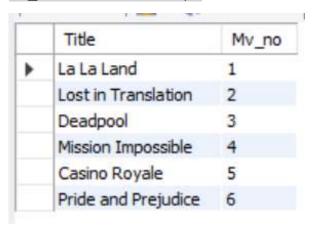
	Fname	Lname	Phone_number
▶	Bruce	Wayne	98138713
	Barbara	Gordon	58719023

41. List the movie number, movie issued to all customers

Using MySQL

`select Title, Mv_no from movie where mv_no in (select mv_no from invoice);`

Title	Mv_no
La La Land	1
Lost in Translation	2
Deadpool	3
Mission Impossible	4
Casino Royale	5
Pride and Prejudice	6

42. Display the invoice number and day on which the customers were issued movies

Using MySQL

`select Inv_no,Issue_date, dayofmonth(issue_date) as 'Day of Month',dayname(issue_date) as 'Day' from invoice;`

Inv_no	Issue_date	Day of Month	Day
A1	2021-07-31	31	Saturday
B1	2021-08-10	10	Tuesday
C1	2021-08-19	19	Thursday
AA1	2021-08-18	18	Wednesday
AD1	2021-08-18	18	Wednesday
Z1D	2021-07-31	31	Saturday

43. Display the month in alphabets in which the customers are supposed to return the movies

Using MySQL

`select Inv_no,Return_date, monthname(return_date) as 'Return Month' from invoice;`

Inv_no	Return_date	Return Month
A1	2021-08-02	August
B1	2021-08-15	August
C1	2021-08-20	August
AA1	2021-08-22	August
AD1	2021-08-21	August
Z1D	2021-08-20	August

44. Display the issue date in format "dd-month-yy"

Using MySQL

```
select Inv_no,date_format(issue_date,"%d %M %y") as "Issue
Date" from invoice;
```

Inv_no	Issue Date
A1	31 July 21
B1	10 August 21
C1	19 August 21
AA1	18 August 21
AD1	18 August 21
Z1D	31 July 21

45. Find the date 15 days from current time

Using MySQL

```
select current_date() as "Today's
Date",date_add(current_date(),interval 15 day) as 'Date
after 15 Days';
```

Today's Date	Date after 15 Days
2021-09-07	2021-09-22

46. Find the number of days elapsed between the current date and the return date of the movie for all customers

Using MySQL

```
select Return_date,current_date() as 'Current Date',
datediff(current_date(), return_date) as 'Difference in
Days' from invoice;
```

Return_date	Current Date	Difference in Days
▶ 2021-08-02	2021-09-07	36
2021-08-15	2021-09-07	23
2021-08-20	2021-09-07	18
2021-08-22	2021-09-07	16
2021-08-21	2021-09-07	17
2021-08-20	2021-09-07	18

47. Change the telephone number of Raymond to 466389

Using MySQL

```
update cust set phone_number = 466389 where fname =
'Raymond';
```

```
select * from cust where fname='Raymond';
```

cust_id	Lname	Fname	Area	Phone_number
▶ 005	Holt	Raymond	NY	466389

48. Change the issue date of cust_id '002' to 24/06/2021

Using MySQL

```
update invoice set issue_date = "2021-06-24" where cust_id
= '002';
```

```
select * from invoice where cust_id = '002';
```

Inv_no	Mv_no	Cust_id	Issue_date	Return_date
▶ B1	3	002	2021-06-24	2021-08-15

49. Delete the record with invoice number 'B1' from the invoice table

Using MySQL

delete from invoice where Inv_no='B1';

select * from invoice where inv_no="B1";

Inv_no	Mv_no	Cust_id	Issue_date	Return_date

50. Delete all the records having return date before 20/8/2021

Using MySQL

delete from invoice where return_date<'2021-08-20';

select * from invoice where return_date<'2021-08-20';

Inv_no	Mv_no	Cust_id	Issue_date	Return_date