Assignment SQL – III
(Table Creation ,Constraint Add & Data Insertion)

1) **Create the following Tables -**

1. Customer master table: **Cust**

Column Name	Format	Remarks
cust_id	varchar2(3)	Primary key
lname	varchar2(15)	
fname	varchar2(15)	
area	varchar2(2)	
phone_no	number(8)	

2. Movies master table   : **Movie**

Column Name	Format	Remarks
mv_no	varchar2(2)	Primary key
title	varchar2(25)	
type	varchar2(10)	
star	varchar2(25)	

3. Invoice transaction table   : **Invoice**

Column Name	Format	Remarks
Inv_no	varchar2(3)	primary key
Mv_no	varchar2(2)	
Cust_id	varchar2(3)	
Issue_date	date	
Return_date	date	

4. Add the following constraints
    ➢ INVOICE(Cust_id) references CUST(Cust_id)
    ➢ INVOICE(Mv_no) references MOVIE(Mv_no)
    ➢ Declare NOT NULL : fname, title, type

5. Add a new column PRICE in Movie table with data type number(8,2)

6. Insert the following data into the respective tables :

6.1. **Data for Cust table**

Cust_id	Lname	fname	Area	Phone_no
a01	Bayross	Ivan	sa	6125467
a02	Saitwal	Vandana	mu	5560379
a03	Jaguste	Pramada	da	4563891
a04	Navindgi	Basu	ba	6125401
a05	Sreedharan	Ravi	va	
a06		Rukmini	gh	5125274

6.2. **Data for Movie table**

mv_no	title	type	star	price
1	bloody vengeance	action	jackie chan	180.95
2	the firm	thriller	tom cruise	200.00
3	pretty woman	romance	richard gere	150.55
4	home alone	comedy	macaulay culkin	150.00
5	the fugitive	thriller	harisson ford	200.00
6	coma	suspense	michael douglas	100.00
7	dracula	horror	gary oldman	150.25
8	quick change	comedy	bill muray	100.00
9	gone with the wind	drama	clarke gable	200.00
10	carry on doctor	comedy	leslie phillips	100.00

6.3. **Data for Invoice table**

inv_no	mv_no	cust_id	issue_date	return_date
i01	4	a01	23-july-93	25-jul-93
i02	3	a02	12-aug-93	15-aug-93
i03	1	a02	15-aug-93	18-aug-93
i04	6	a03	10-sep-93	12-sep-93
i05	7	a04	05-aug-93	08-aug-93
i06	2	a06	18-sep-93	21-sep-93
i07	9	a05	07-jul-93	10-jul-93
i08	9	a01	11-aug-93	14-aug-93
i09	5	a03	06-jul-93	07-jul-93
i10	8	a06	03-sep-93	06-sep-93

2) Perform the following SQL Queries:

1. Retrieve all customer details from the Cust table.
2. List all movies of type 'comedy' from the Movie table.
3. Find all movies priced above 150.
4. Display all invoice numbers along with their return dates where the return date is before 10-Aug-93.