LAB Assignment-4

1. **Create the following tables with the constraints mentioned:**
   Note: the data type and size should be given in relevance with the data to be inserted. Constraint name are not required to be given for this assignment.

Customer

Cust_id	Fname	Lname	Area	Phone
Primary Key	Not Null		Not Null	
A01	Ivan	Ross	SA	6125467
A02	Vandana	Ray	MU	5560379
A03	Pramada	Jauguste	DA	4560389
A04	Basu	Navindi	BA	6125401
A05	Ravi	Shridhar	NA	null
A06	Rukmini	Aiyer	GH	5125274

Movie

Mv_no	Cust_id	Title	Star	Price
Primary Key	Foreign Key	Not Null	Not Null	Should be between 100 and 250
1	A02	Bloody	JC	181
2	A04	The Firm	TC	200
3	A01	Pretty Woman	RG	151
4	A06	Home Alone	MC	150
5	A05	The Fugitive	MF	200
6	A03	Coma	MD	100
7	A02	Dracula	GO	150
8	A06	Quick Change	BM	100
9	A03	Gone with the Wind	CB	200
10	A05	Carry on Doctor	LP	100

2. **Prove that entity integrity constraint is ensured by both the tables. (2 conditions to be checked).**
3. **Prove that referential integrity constraint is ensured by both the tables.**
4. **Prove that domain integrity constraint is ensured by the Movie table.**
5. **Display the movie titles, whose price is greater than 100 but less than 200.**
6. **Display the cust_id who have seen movies having stars as either JC or TC or MC.**
7. **Display the details of those customers who have an A in their area name.**
8. **Display the movie titles, whose price is within 180 and the movie titles are of exactly 6 characters.**
9. **Display the movie name, their original prices and the prices after 10% increment. Give alias name to the incremented price column.**
10. **Display all the customer details in the following way:**
    'Ivan Ross stays in SA and his phone number is 6125467.'
11. **Add a not null constraint to the Lname field in Customer.**
12. **Display the customer's name whose phone number is not recorded.**
13. **Add the phone number according to your own wish for the person mentioned in problem no 12.**
14. **Display the unique customer ids from movie table.**
15. **Remove the not null constraint from Star column in movie table.**
16. **Delete any row from the Customer table. If you cannot delete, then note the error message displayed.**
17. **Delete any row from the Movie table. If you cannot delete, then note the error message displayed.**
18. **Drop the Customer table. If you cannot drop, then note the error message displayed.**
19. **Drop the Movie table. If you cannot drop, then note the error message displayed.**
20. **Drop the foreign key from Movie table.**