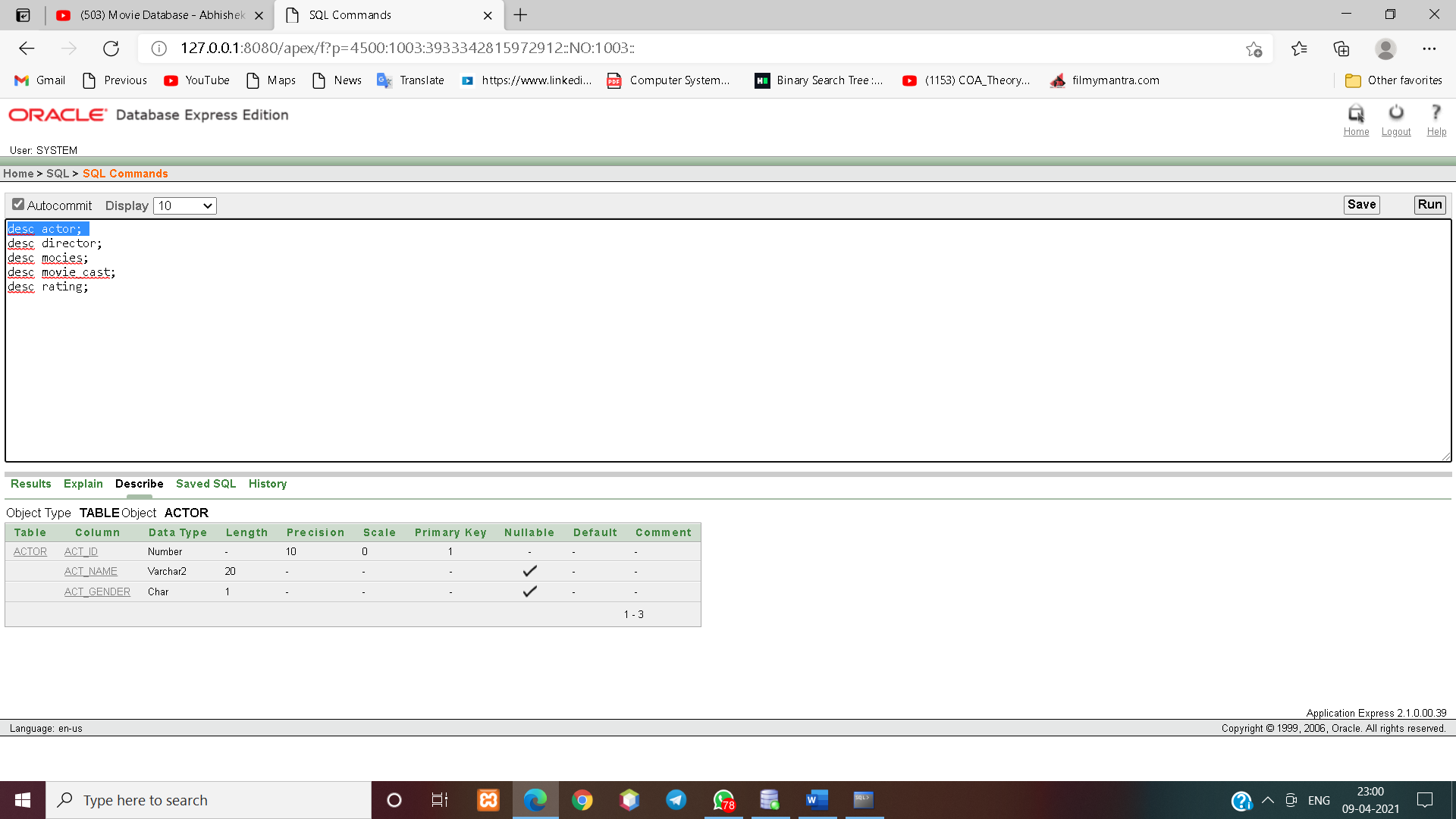
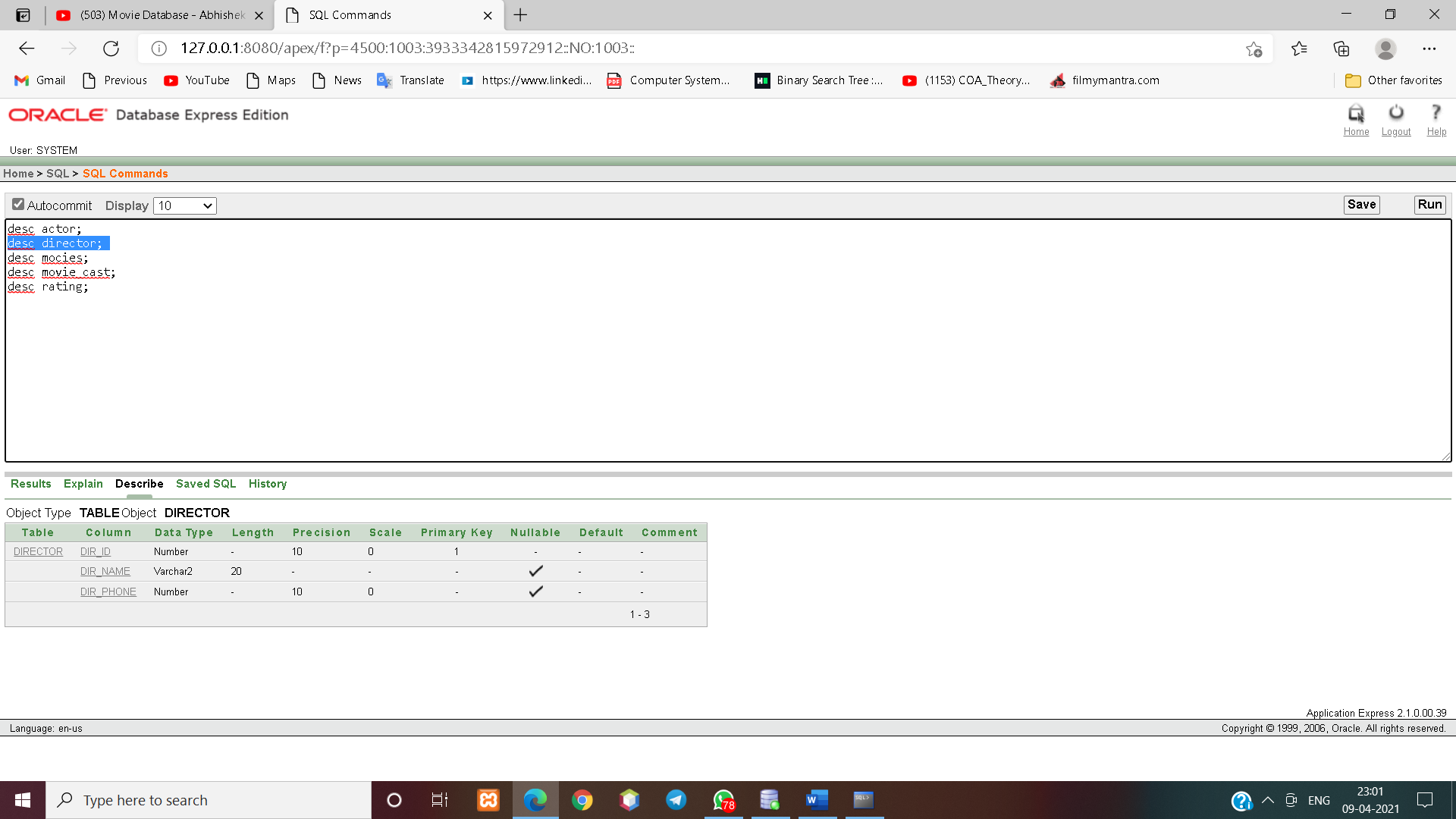
**Name-Rijushree Guha**

**Movies Database**

* create table actor( act\_id number(10) primary key,act\_name varchar2(20),act\_gender char(1));

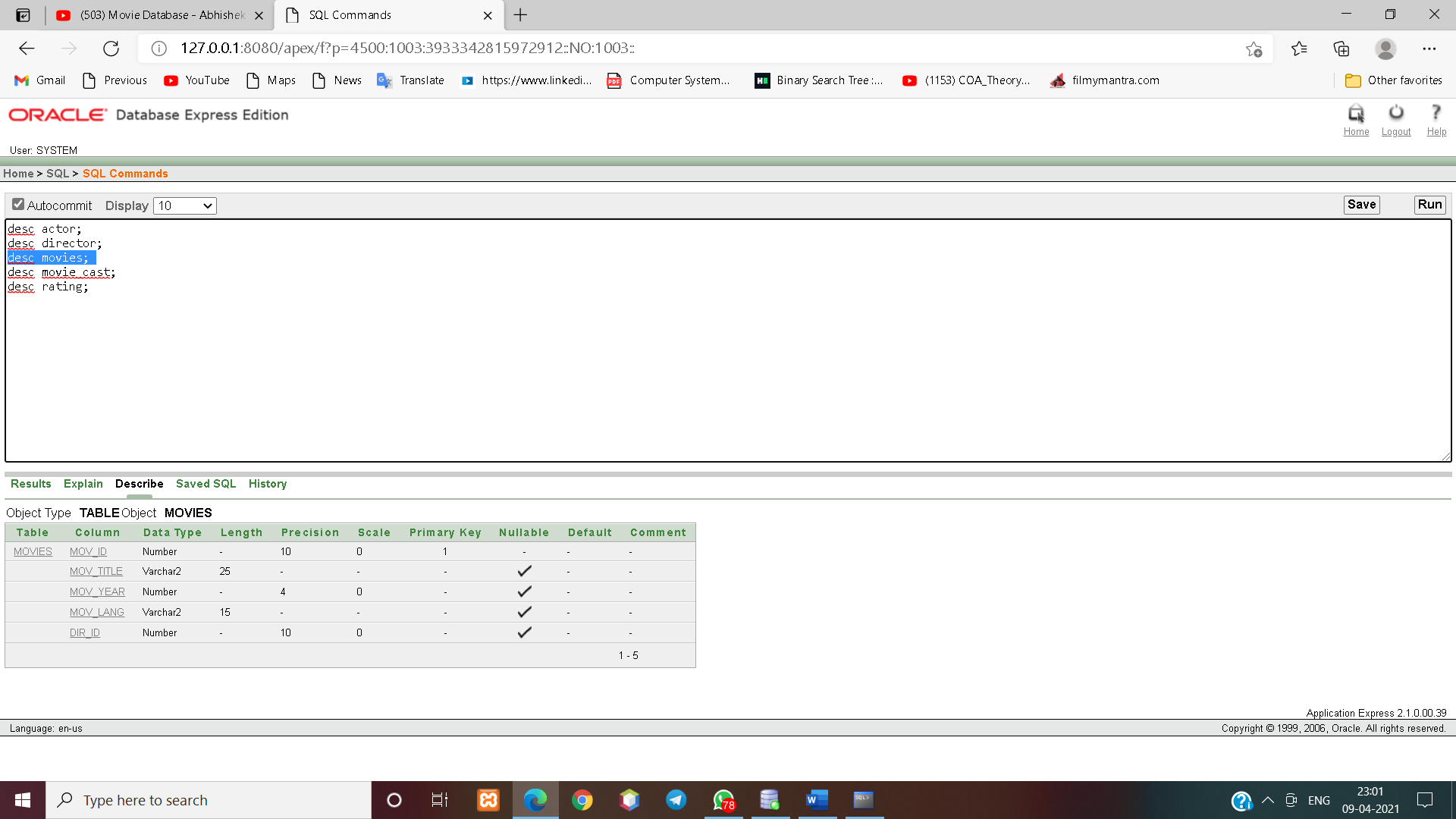


* create table director( dir\_id number(10) primary key,dir\_name varchar2(20),dir\_phone number(10));
* MysQl: create table director( dir\_id int(10) primary key,dir\_name varchar(30),dir\_phone int(10));

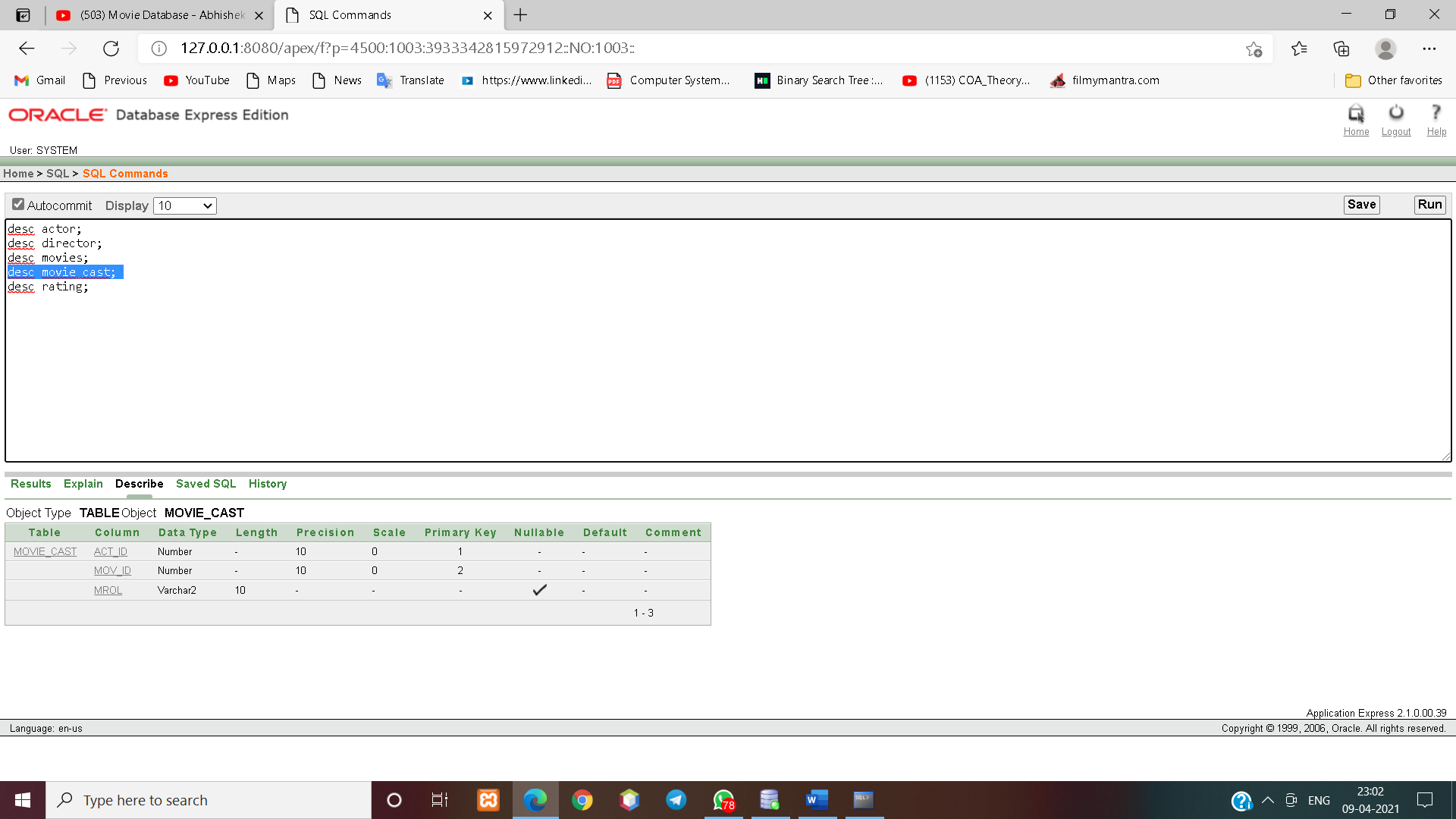


* create table movies(Mov\_id number(10) primary key, Mov\_Title varchar2(25), Mov\_Year number(4), Mov\_Lang varchar2(15), Dir\_id number(10), foreign key(dir\_id) references director(dir\_id));

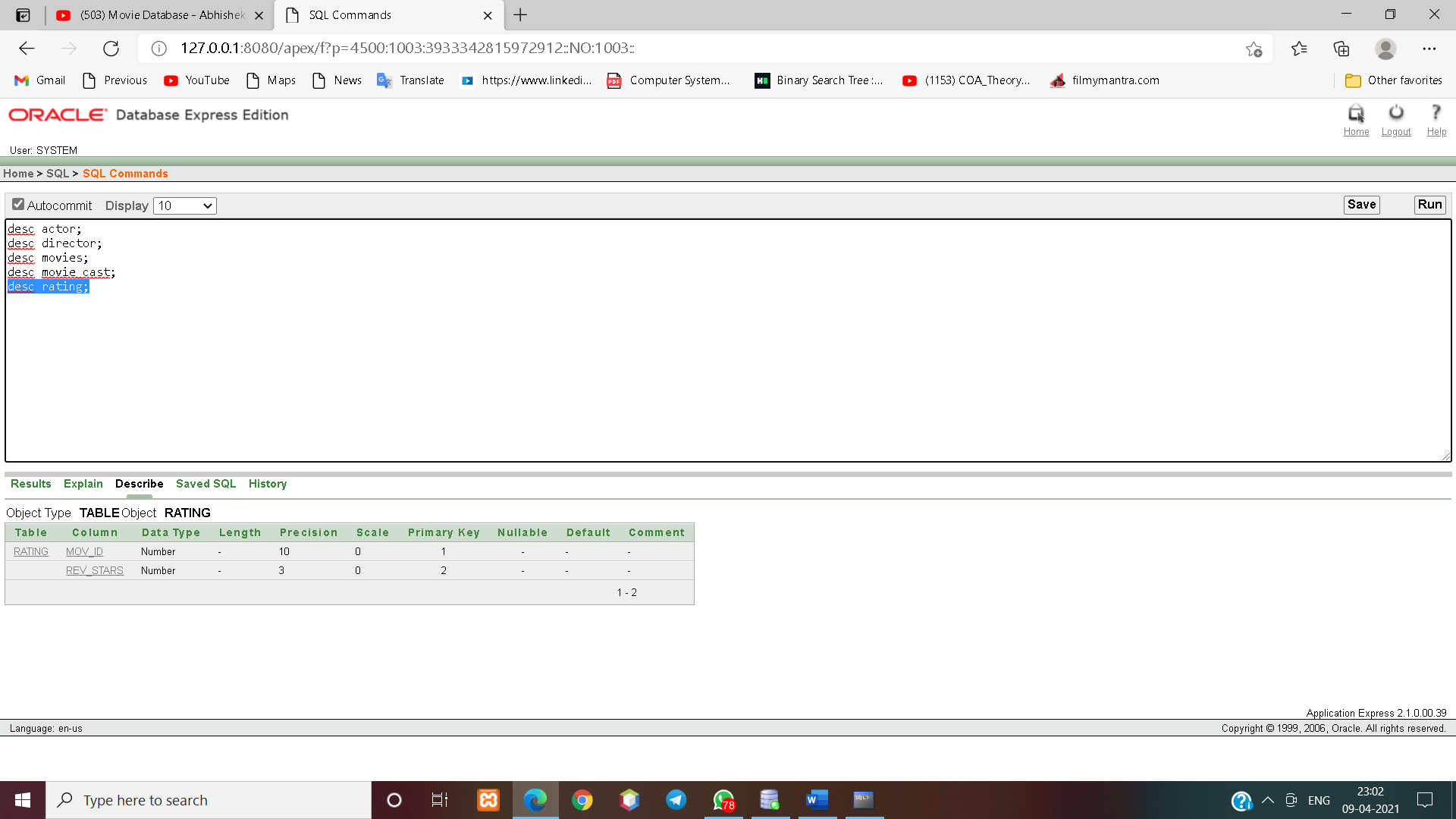
Mysql: create table movies(Mov\_id int(10) primary key, Mov\_Title varchar(35), Mov\_Year int(4), Mov\_Lang varchar(15), Dir\_id int(10), foreign key(dir\_id) references director(dir\_id));

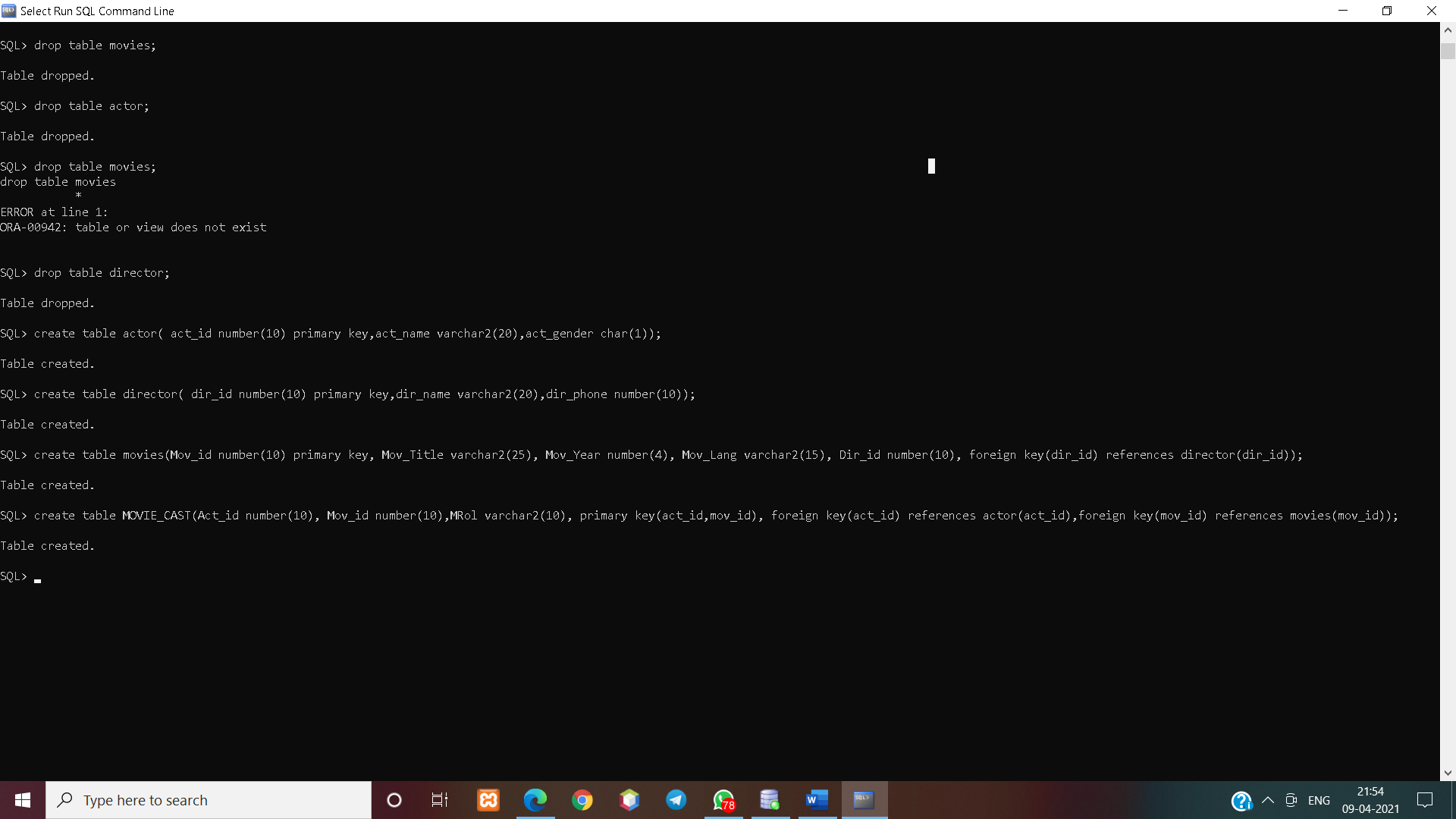


* create table MOVIE\_CAST(Act\_id number(10), Mov\_id number(10),MRol varchar2(10), primary key(act\_id,mov\_id), foreign key(act\_id) references actor(act\_id),foreign key(mov\_id) references movies(mov\_id));
* Mysql: create table MOVIE\_CAST(Act\_id int(10), Mov\_id int(10),MRol varchar(20), primary key(act\_id,mov\_id), foreign key(act\_id) references actor(act\_id),foreign key(mov\_id) references movies(mov\_id));



* create table rating(mov\_id number(10), rev\_stars number(3), primary key(mov\_id,rev\_stars), foreign key(mov\_id) references movies(mov\_id));
* Mysql: create table rating(mov\_id int(10), rev\_stars int(3), primary key(mov\_id,rev\_stars), foreign key(mov\_id) references movies(mov\_id));





**insert into actor values(1,'Akshay Kumar','M');**

**insert into actor values(2,'Sonakshi Sinha','F');**

**insert into actor values(3,'Prabhas','M');**

**insert into actor values(4,'Anushka Shetty ','F');**

**insert into actor values(5,'Daniel Radcliff ','M');**

**insert into actor values(6,'Emma Watson','F');**

**insert into actor values(7,'Yash ','M');**

**insert into actor values(8,'Radhika Pandit','F');**

**insert into actor values(9,'Salman Khan','M');**

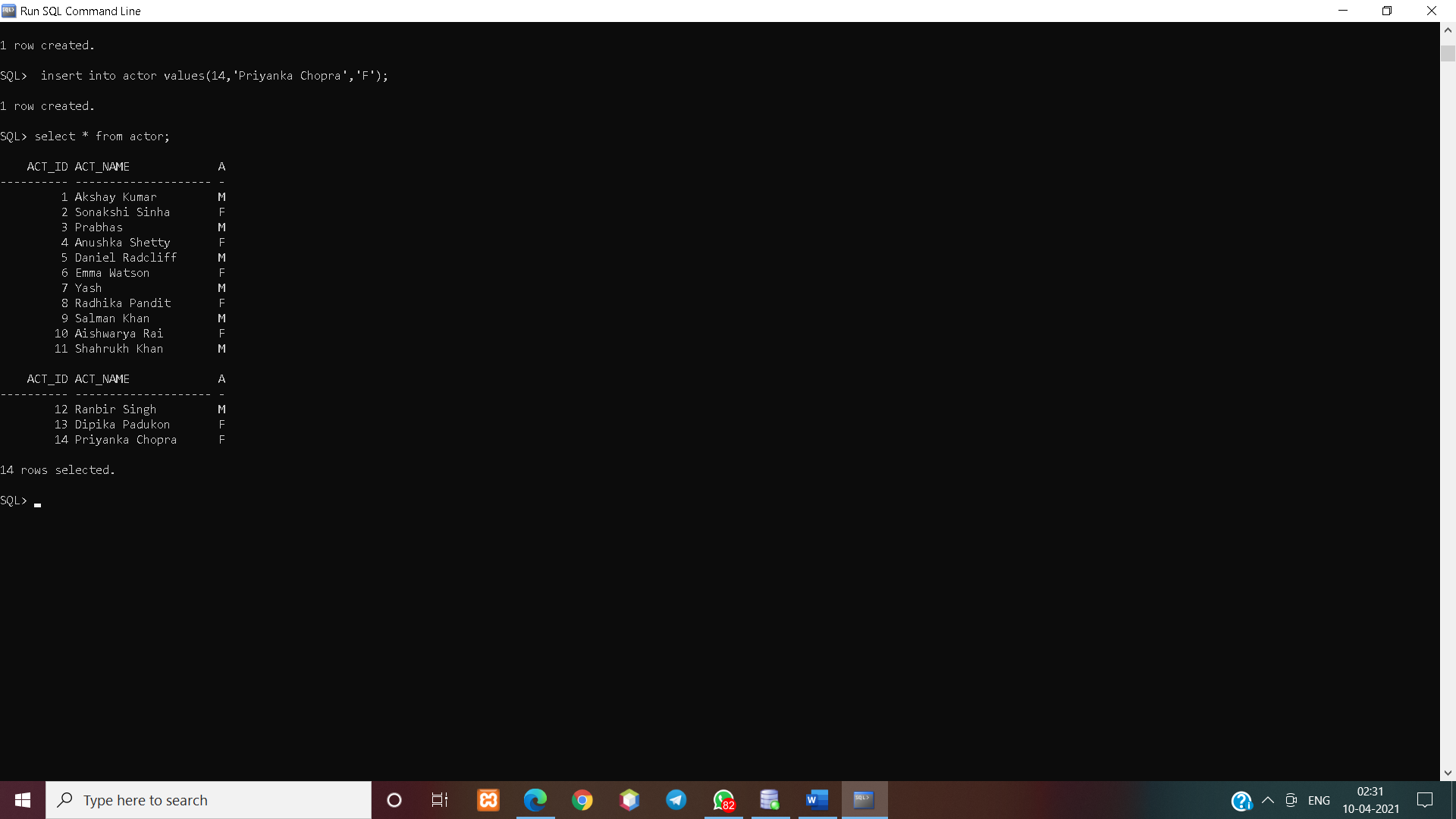
**insert into actor values(10,'Aishwarya Rai','F');**

**insert into actor values(11,'Shahrukh Khan','M');**

**insert into actor values(12,'Ranbir Singh ','M');**

**insert into actor values(13,'Dipika Padukon','F');**

**insert into actor values(14,'Priyanka Chopra','F');**



**insert into director values(1,'Yash Raj',9664631642);**

**insert into director values(2,'Pawan Vadeyar',9668631712);**

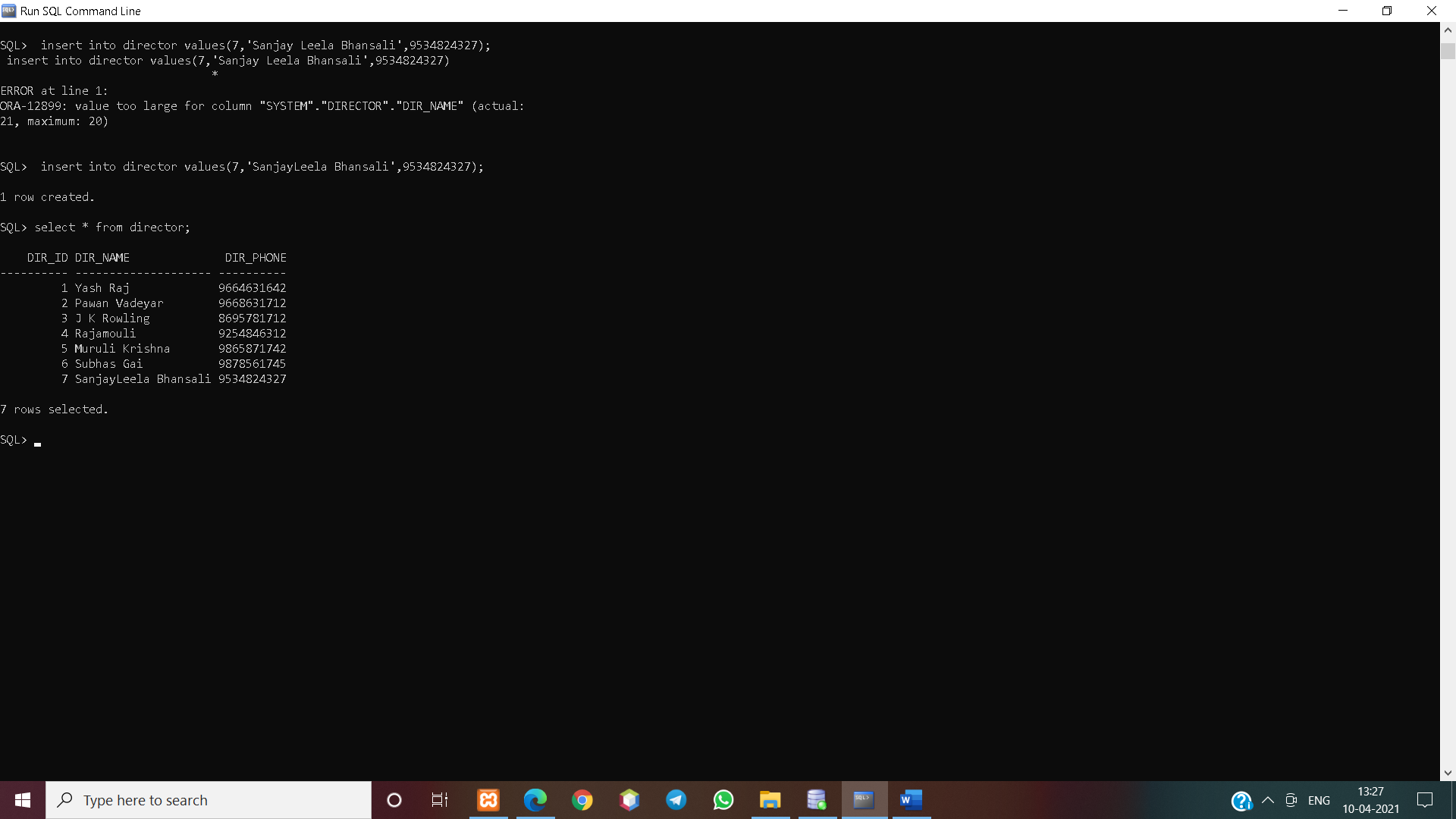
**insert into director values(3,'J K Rowling',8695781712);**

**insert into director values(4,'Rajamouli',9254846312);**

**insert into director values(5,'Muruli Krishna',9865871742);**

**insert into director values(6,'Subhas Gai',9878561745);**

**insert into director values(7,'SanjayLeela Bhansali',9534824327);**



**insert into movies values(1,'Mission Mangal',2019,'Hindi',5);**

**insert into movies values(2,'Hum Dil De Chuke Sanam',1994,'Hindi',1);**

**insert into movies values(3,'Harry Porter',2019,'English',3);**

**insert into movies values(4,’Santhu Straight Forward',2019,'Kannada',2);**

**insert into movies values(5,’Bahubali',2019,'Telugu',4);**

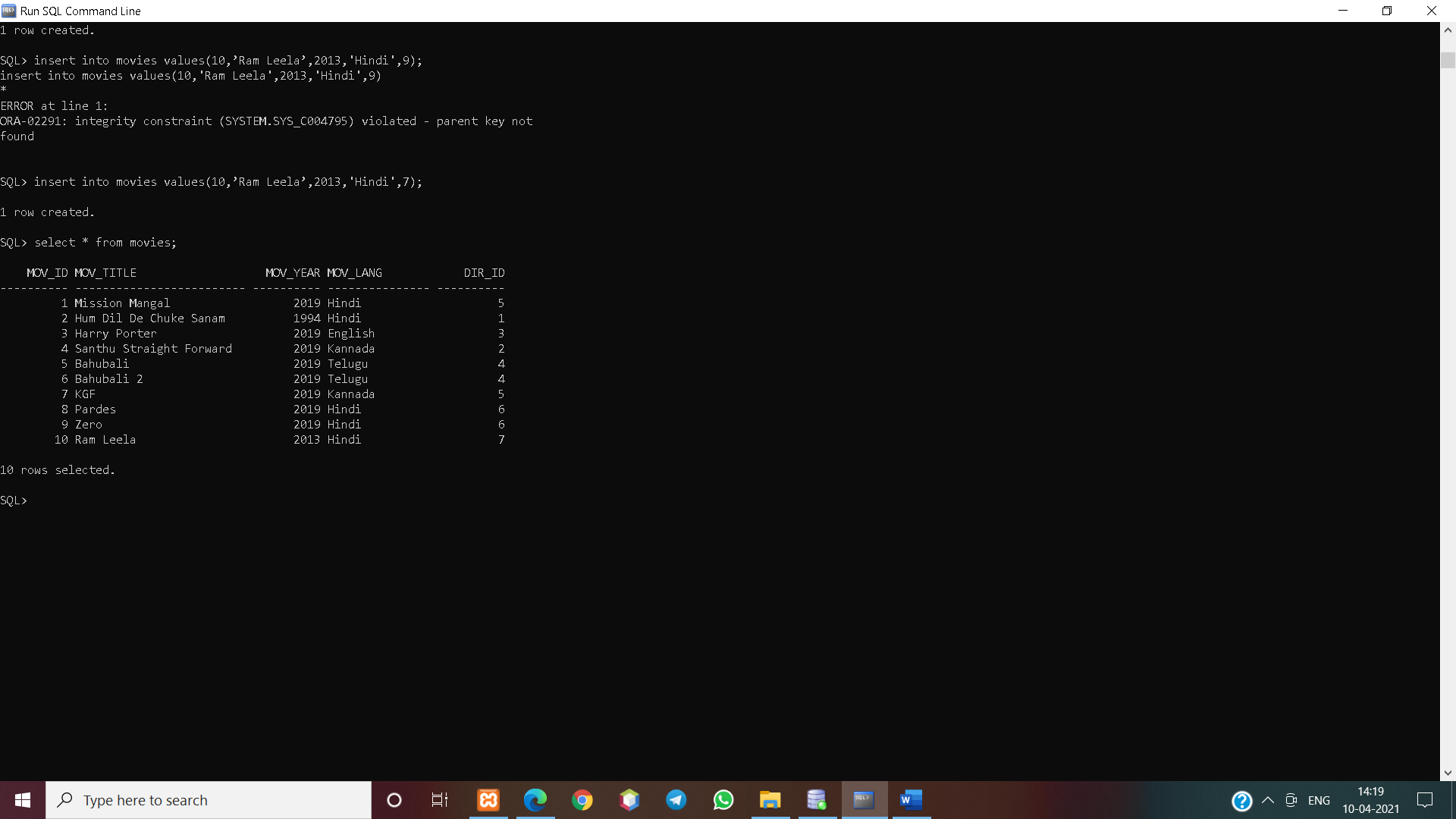
**insert into movies values(6,'Bahubali 2',2019,'Telugu',4);**

**insert into movies values(7,'KGF',2019,’Kannada’,5);**

**insert into movies values(8,'Pardes',2019,'Hindi',6);**

**insert into movies values(9,'Zero',2019,'Hindi',6);**

**insert into movies values(10,’Ram Leela’,2013,'Hindi',7);**



**insert into movie\_cast values(1,1,'Hero');**

**insert into movie\_cast values(2,1,'Heroin');**

**insert into movie\_cast values(3,5,'Hero');**

**insert into movie\_cast values(3,6,'Hero');**

**insert into movie\_cast values(4,5, 'Heroin');**

**insert into movie\_cast values(4,6, 'Heroin');**

**insert into movie\_cast values(5,3,'Hero');**

**insert into movie\_cast values(6,3, 'Heroin');**

**insert into movie\_cast values(7,4,'Hero');**

**insert into movie\_cast values(7,7,'Hero');**

**insert into movie\_cast values(8,4,'Heroin');**

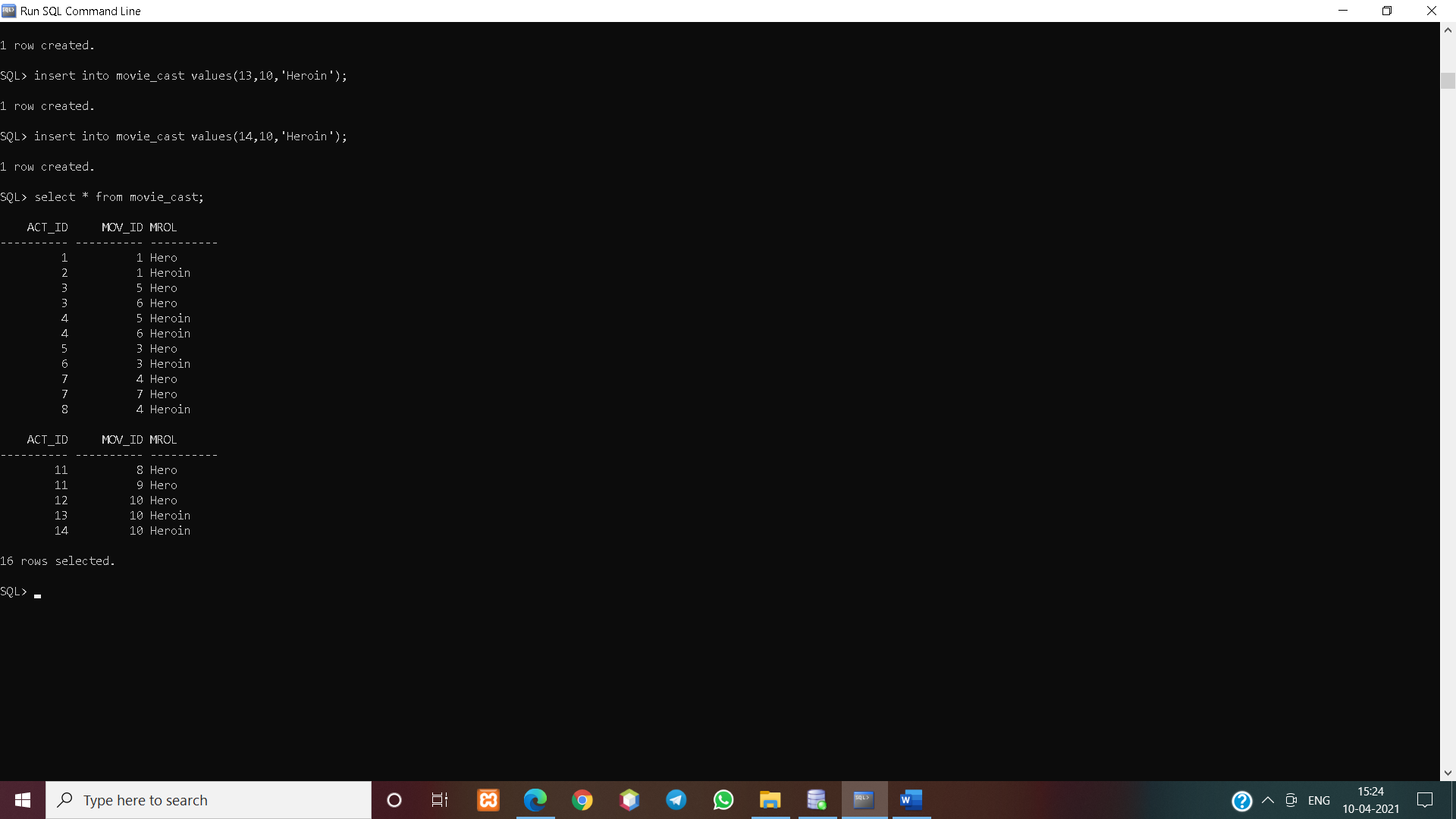
**insert into movie\_cast values(11,8,'Hero');**

**insert into movie\_cast values(11,9,'Hero');**

**insert into movie\_cast values(12,10,'Hero');**

**insert into movie\_cast values(13,10,'Heroin');**

**insert into movie\_cast values(14,10,'Heroin');**



**insert into rating values(1,5);**

**insert into rating values(1,4);**

**insert into rating values(1,8);**

**insert into rating values(2,1);**

**insert into rating values(3,4);**

**insert into rating values(4,3);**

**insert into rating values(5,5);**

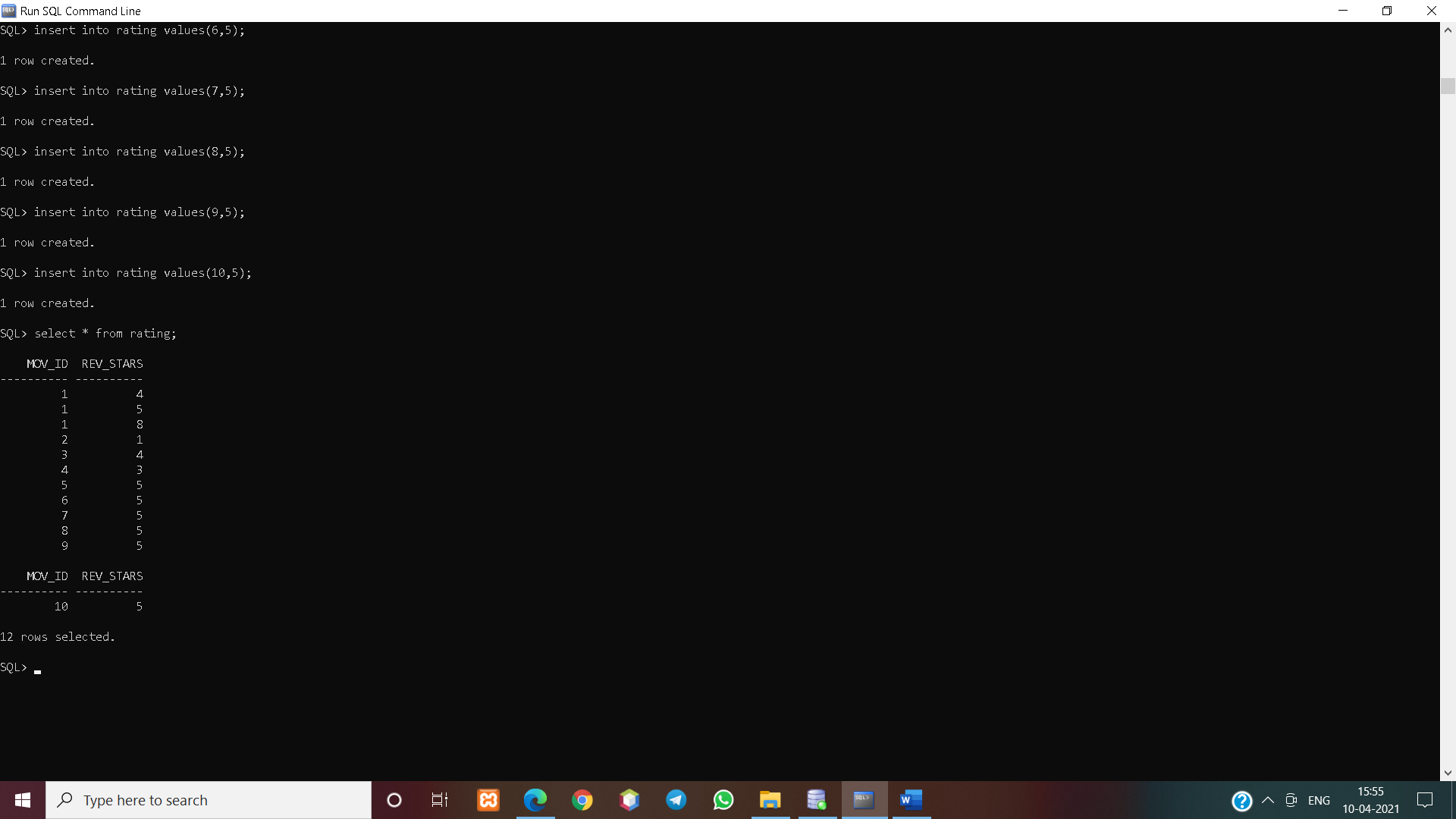
**insert into rating values(6,5);**

**insert into rating values(7,5);**

**insert into rating values(8,5);**

**insert into rating values(9,5);**

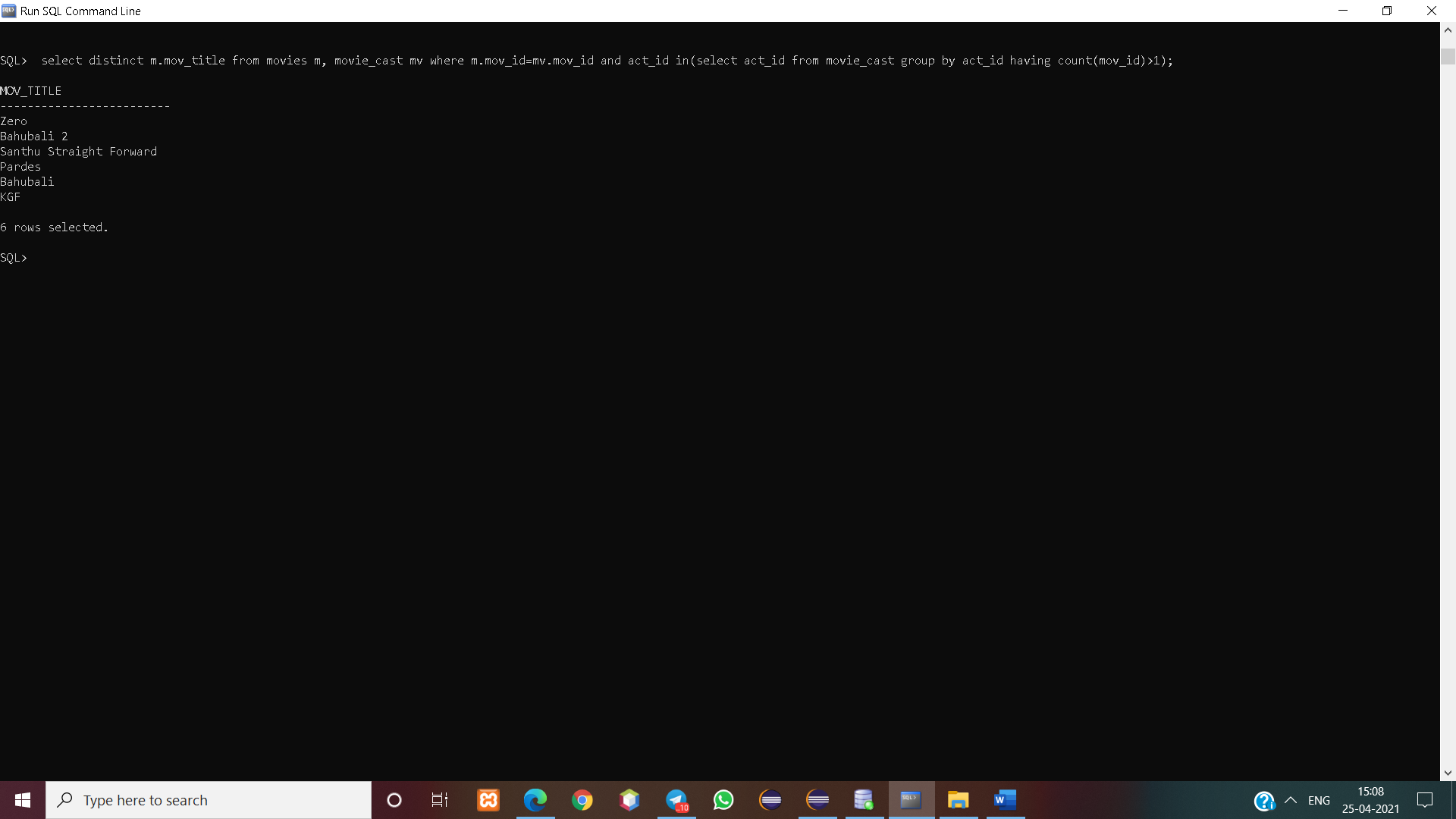
**insert into rating values(10,5);**



**Write SQL queries to**

1. **Find the movie names where one or more actors acted in two or more movies.**

select distinct m.mov\_title from movies m, movie\_cast mv where m.mov\_id=mv.mov\_id and act\_id in(select act\_id from movie\_cast group by act\_id having count(mov\_id)>1);



1. **List all actors who acted in a movie before 2000 and also in a movie after 2017 (use JOIN operation).**

select a.act\_name from (actor a join movie\_cast c on a.act\_id=c.act\_id) join movies m on c.mov\_id=m.mov\_id where m.mov\_year<2000 and exists(select a.act\_name from (actor a join movie\_cast c on a.act\_id=c.act\_id) join movies m on c.mov\_id=m.mov\_id where m.mov\_year>2017);

1. **Find the title of movies and number of stars for each movie that has at least one rating and find the highest number of stars that movie received. Sort the result by movie title.** select m.mov\_id, m.mov\_title as Movie\_title, max(r.rev\_stars) as rating from movies m, rating r where m.mov\_id=r.mov\_id group by m.mov\_id, m.mov\_title having count(r.rev\_stars)>0 order by m.mov\_id;
2. **Update rating of all movies directed by ‘Subhash Ghai’ to 3.**

update rating set rev\_stars=3 where mov\_id in(select mov\_id from movies where dir\_id in(select dir\_id from director where dir\_name='Subhas Gai'));

1. **Using cursor display details of all the movie id and title in the database.**