**DDL EXECUTIONS**

**SQL> create table stocks(**

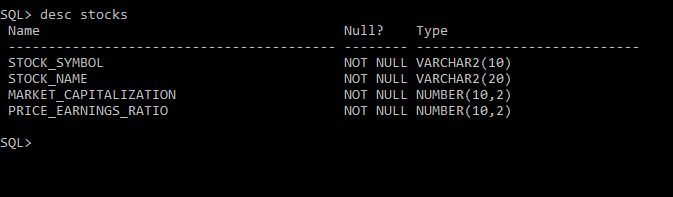
**2 stock\_symbol varchar2(10) primary key,**

**3 stock\_name varchar2(20) not null,**

**4 market\_capitalization decimal(10,2) not null,**

**5 price\_earnings\_ratio decimal(10,2) not null);**

**SQL> desc stocks**

****

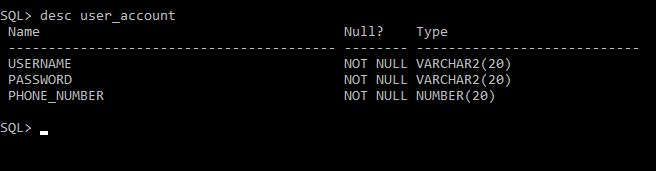
**SQL> create table user\_account(**

**2 username varchar2(20) primary key,**

**3 password varchar2(20) not null,**

**4 phone\_number number(20) not null);**

**SQL> desc user\_account**

****

**SQL> create table watchlist(**

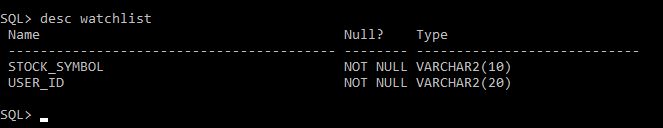
**2 stock\_symbol varchar2(10) not null,**

**3 user\_id varchar2(20) not null);**

**SQL> alter table watchlist**

**2 add constraint fk3\_stock\_symbol foreign key(stock\_symbol) references stocks;**

**SQL> desc watchlist**

****

**SQL> create table historical\_data(**

**2 stock\_symbol varchar2(10) not null,**

**3 day date not null,**

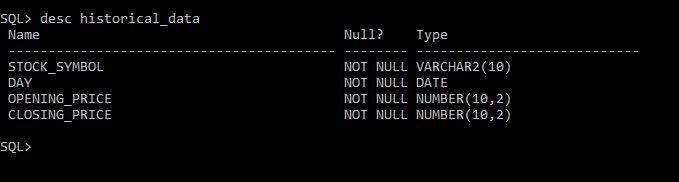
**4 opening\_price decimal(10,2) not null,**

**5 closing\_price decimal(10,2) not null);**

**SQL> alter table historical\_data**

**2 add constraint fk2\_stock\_symbol foreign key(stock\_symbol) references stocks;**

**SQL> desc historical\_data**

****

**SQL> create table Prediction(**

**2 stoct\_symbol varchar2(10) not null,**

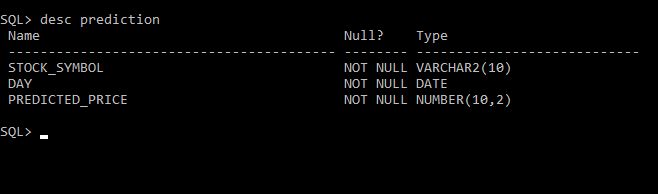
**3 day date not null,**

**4 predicted\_price decimal(10,2) not null);**

**SQL> alter table prediction**

**2 add constraint stock\_symbol foreign key(stock\_symbol) references stocks;**

**SQL> desc prediction**

****