DBMS: ASSIGNMENT 1

TITLE: ONLINE NEWSSTANDS

**ONLINE NEWSSTANDS**

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**ABSTRACT**:

 Now-a-days we live in age of Information Communication and Technology (ICT). We can’t think a single moment without technology. From morning to night, we need help of the technology. This is the revolutionary time of computer technology. Most of the works depends on web application. For this reason, anytime, anywhere, anyone can access a website by internet at low cost and we can find our expectable and most update information from website. At present information is one the most valuable resource of the current world. We have developed our project so that we can aware the people. Here users can view the latest news updates. So that the news can reach every one through website. They can view the posts and advertisements from this portal.

**DESIGN REQUIREMENTS:**

**List of Tables:**

User

Advertisement

Publisher

Read

published

**List of attributes with their domain types:**

\*User

User id: user\_id-number(10)

User name: user\_name-varchar2(20)

User email id: user\_email-varchar2(20)

User address: user\_add-varchar(20)

User password:user\_password-varchar2(20)

\*news

News id: news\_id-number(10)

News type: news\_type-varchar2(20)

News title:news\_title varchar2(20)

News desc: short\_descr varchar2(50)

News date: news\_date date

Publisher name: pub\_name varchar2(10)

\*advertisements

advertisement id: adv-id-number(10)

advertisement type: adv\_type varchar2(20)

advertisement title: adv\_title-varchar2(20)

Advertisement date: adv\_date-number(10)

\*publisher

Publisher name: pub\_name varchar2(20)

Publisher id: pub\_id number(10)

Publisher email: pub\_email varchar2(20)

\*read

User id: user\_id number(10)

News id: news\_id number(10)

Advertisement id: adv\_id number(10)

\*publisher

News id: news\_id number(10)

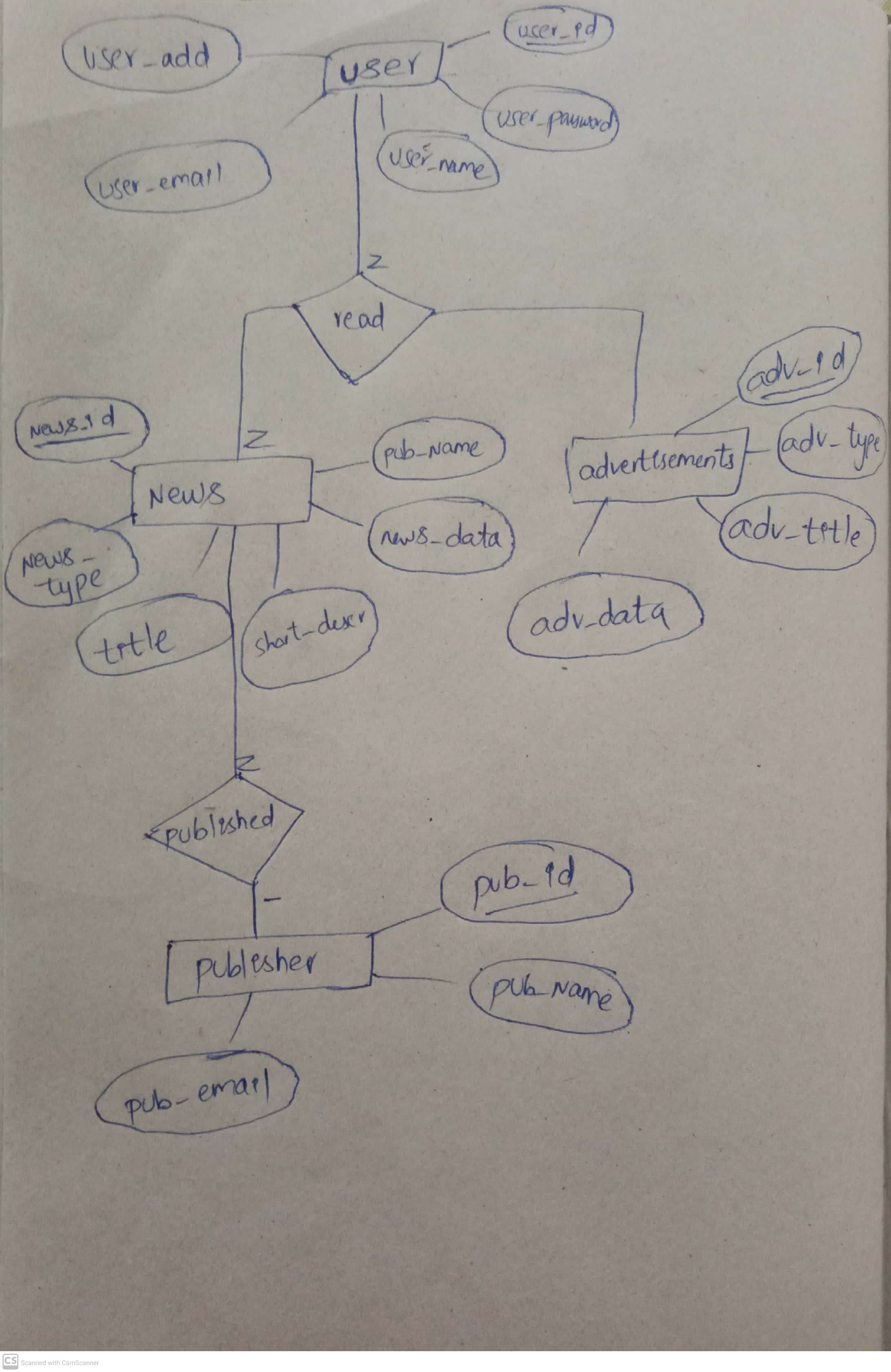
Publisher id: pub\_id number(10)

**MAPPING CARDINALITIES AND PARTICIPATION CONSTRAINTS:**

Here in database user can read many news portals so the mapping would be many to many.

Publisher can publish more than one news portal, so the mapping would be one to many relationship.

**ER diagram:**



**DDL commands:**

SQL> create table user\_(

2 user\_id number(10),

3 user\_name varchar2(20),

4 user\_email varchar2(10),

5 user\_password varchar2(10),

6 user\_add varchar2(20));

Table created.

SQL> create table news1(

2 news\_id number(10),

3 news\_type varchar2(20),

4 title varchar2(20),

5 short\_descr varchar2(30),

6 read\_date date,

7 publishername varchar2(20));

Table created.

SQL> create table advertisement1(

2 adv\_id number(10),

3 adv\_type varchar2(20),

4 adv\_title varchar2(10),

5 adv\_date date);

Table created.

SQL> create table publisher(

2 pub\_id number(10),

3 pub\_name varchar2(20),

4 pub\_email varchar(20),

5 pub\_date date);

Table created.

SQL> create table read(

2 user\_id number(10),

3 news\_id number(10),

4 adv\_id number(10));

Table created.

SQL> create table published(

2 news\_id number(10),

3 pub\_id number(10));

Table created.

SQL> alter table user\_ add primary key(user\_id);

Table altered.

SQL> alter table news1 add primary key(news\_id);

Table altered.

SQL> alter table advertisement1 add primary key(adv\_id);

Table altered.

SQL> alter table publisher add primary key(pub\_id);

Table altered.

SQL> desc news1;

Name Null? Type

----------------------------------------- -------- ----------------------------

NEWS\_ID NOT NULL NUMBER(10)

NEWS\_TYPE VARCHAR2(20)

TITLE VARCHAR2(20)

SHORT\_DESCR VARCHAR2(30)

READ\_DATE DATE

PUBLISHERNAME VARCHAR2(20)

SQL> desc publisher;

Name Null? Type

----------------------------------------- -------- ----------------------------

PUB\_ID NOT NULL NUMBER(10)

PUB\_NAME VARCHAR2(20)

PUB\_EMAIL VARCHAR2(20)

PUB\_DATE DATE

SQL> desc read;

Name Null? Type

----------------------------------------- -------- ----------------------------

USER\_ID NUMBER(10)

NEWS\_ID NUMBER(10)

ADV\_ID NUMBER(10)

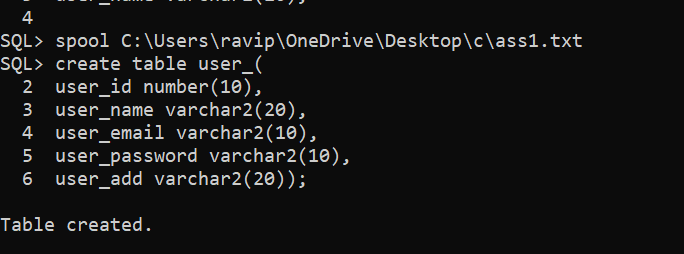
SQL> desc published;

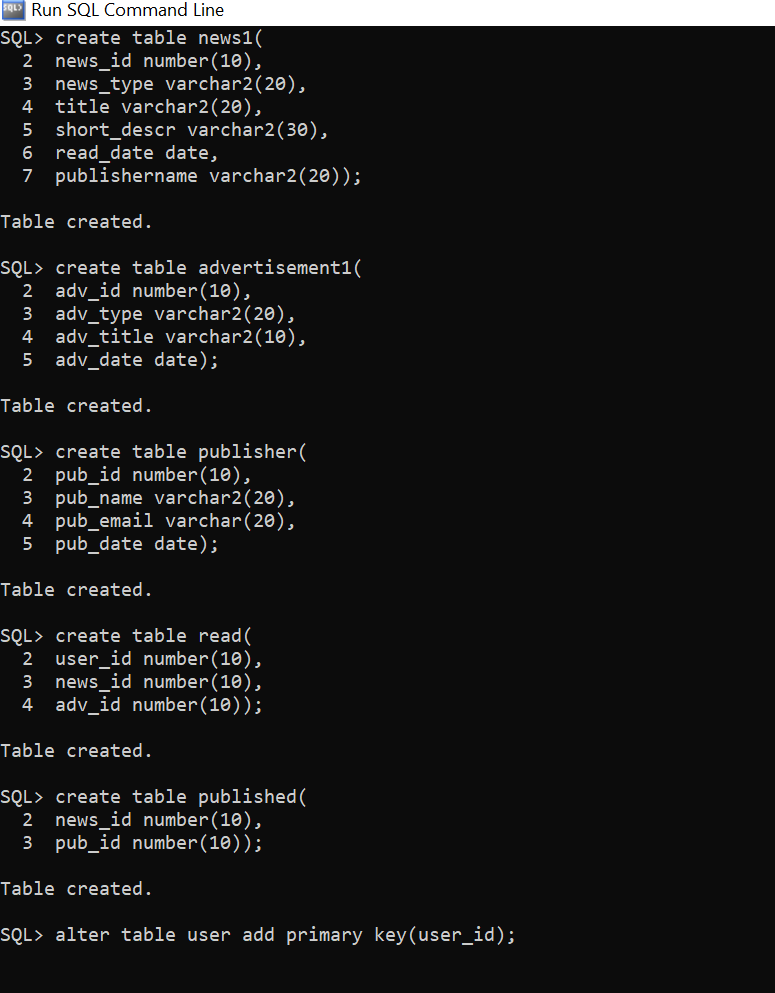
Name Null? Type

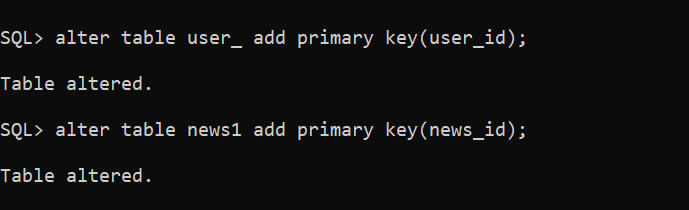
----------------------------------------- -------- ----------------------------

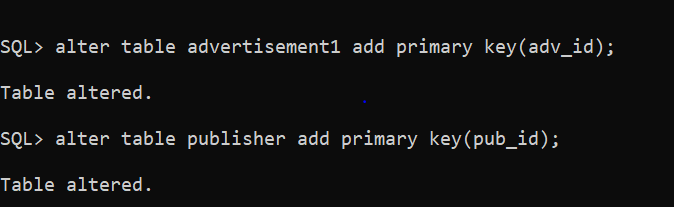
NEWS\_ID NUMBER(10)

PUB\_ID NUMBER(10)









**DML commands:**

SQL> alter table user\_ modify user\_email varchar2(20);

Table altered.

SQL> insert into user\_ values(&user\_id,'&user\_name','&user\_email','&user\_password','&user\_add');

Enter value for user\_id: 1111

Enter value for user\_name: sravya

Enter value for user\_email: sravya@gmail.com

Enter value for user\_password: \*\*\*\*

Enter value for user\_add: vinay nagar,guntur

old 1: insert into user\_ values(&user\_id,'&user\_name','&user\_email','&user\_password','&user\_add')

new 1: insert into user\_ values(1111,'sravya','sravya@gmail.com','\*\*\*\*','vinay nagar,guntur')

1 row created.

SQL> insert into user\_ values(&user\_id,'&user\_name','&user\_email','&user\_password','&user\_add');

Enter value for user\_id: 2222

Enter value for user\_name: monica

Enter value for user\_email: monica@gmail.com

Enter value for user\_password: \*\*\*\*

Enter value for user\_add: ff2,lawyerpet,ongole

old 1: insert into user\_ values(&user\_id,'&user\_name','&user\_email','&user\_password','&user\_add')

new 1: insert into user\_ values(2222,'monica','monica@gmail.com','\*\*\*\*','ff2,lawyerpet,ongole')

1 row created.

SQL> insert into user\_ values(&user\_id,'&user\_name','&user\_email','&user\_password','&user\_add');

Enter value for user\_id: 3333

Enter value for user\_name: saila

Enter value for user\_email: saila@gmail.com

Enter value for user\_password: \*\*\*\*

Enter value for user\_add: santh nagar

old 1: insert into user\_ values(&user\_id,'&user\_name','&user\_email','&user\_password','&user\_add')

new 1: insert into user\_ values(3333,'saila','saila@gmail.com','\*\*\*\*','santh nagar')

1 row created.

SQL> insert into user\_ values(&user\_id,'&user\_name','&user\_email','&user\_password','&user\_add');

Enter value for user\_id: 4444

Enter value for user\_name: bobby

Enter value for user\_email: bobby@gmail.com

Enter value for user\_password: \*\*\*\*

Enter value for user\_add: vip road,guntur

old 1: insert into user\_ values(&user\_id,'&user\_name','&user\_email','&user\_password','&user\_add')

new 1: insert into user\_ values(4444,'bobby','bobby@gmail.com','\*\*\*\*','vip road,guntur')

1 row created.

SQL> insert into news1 values(&news\_id,'&news\_type','&title','&short\_descr','&read\_date','&publishername');

Enter value for news\_id: 101

Enter value for news\_type: sports

Enter value for title: ipl cancelled

Enter value for short\_descr: ipl cancelled due to increase in covid cases

Enter value for read\_date: 03-may-2020

Enter value for publishername: sreenath

old 1: insert into news1 values(&news\_id,'&news\_type','&title','&short\_descr','&read\_date','&publishername')

new 1: insert into news1 values(101,'sports','ipl cancelled','ipl cancelled due to increase in covid cases','03-may-2020','sreenath')

1 row created.

SQL> insert into news1 values(&news\_id,'&news\_type','&title','&short\_descr','&read\_date','&publishername');

Enter value for news\_id: 102

Enter value for news\_type: education

Enter value for title: covid cases students

Enter value for short\_descr: students got infected to covid during lab exams

Enter value for read\_date: 07-jun-2020

Enter value for publishername: vinay

old 1: insert into news1 values(&news\_id,'&news\_type','&title','&short\_descr','&read\_date','&publishername')

new 1: insert into news1 values(102,'education','covid cases students','students got infected to covid during lab exams','07-jun-2020','vinay')

1 row created.

SQL> insert into news1 values(&news\_id,'&news\_type','&title','&short\_descr','&read\_date','&publishername');

Enter value for news\_id: 103

Enter value for news\_type: politics

Enter value for title: elections continued

Enter value for short\_descr: election are ruuning in ap

Enter value for read\_date: 05-jul-2020

Enter value for publishername: vaishu roy

old 1: insert into news1 values(&news\_id,'&news\_type','&title','&short\_descr','&read\_date','&publishername')

new 1: insert into news1 values(103,'politics','elections continued','election are ruuning in ap','05-jul-2020','vaishu roy')

1 row created.

SQL> insert into news1 values(&news\_id,'&news\_type','&title','&short\_descr','&read\_date','&publishername');

Enter value for news\_id: 110

Enter value for news\_type: bollywood

Enter value for title: alia tested +ve

Enter value for short\_descr: alia tested +ve for covid.she is in quarantine

Enter value for read\_date: 07-aug-2020

Enter value for publishername: tilok

old 1: insert into news1 values(&news\_id,'&news\_type','&title','&short\_descr','&read\_date','&publishername')

new 1: insert into news1 values(110,'bollywood','alia tested +ve','alia tested +ve for covid.she is in quarantine','07-aug-2020','tilok')

1 row created.

SQL> insert into news1 values(&news\_id,'&news\_type','&title','&short\_descr','&read\_date','&publishername');

Enter value for news\_id: 124

Enter value for news\_type: tollywood

Enter value for title: cinemas postponed

Enter value for short\_descr: nani movie got postponed due shut down of theatres

Enter value for read\_date: 21-aug-2020

Enter value for publishername: gnatu bose

old 1: insert into news1 values(&news\_id,'&news\_type','&title','&short\_descr','&read\_date','&publishername')

new 1: insert into news1 values(124,'tollywood','cinemas postponed','nani movie got postponed due shut down of theatres','21-aug-2020','gnatu bose')

1 row created.

SQL> insert into advertisement1 values(&adv\_id,'&adv\_type','&adv\_title','&adv\_date');

Enter value for adv\_id: 2304

Enter value for adv\_type: jobsearch

Enter value for adv\_title: job vacancy in kfc

Enter value for adv\_date: 23-jan-2020

old 1: insert into advertisement1 values(&adv\_id,'&adv\_type','&adv\_title','&adv\_date')

new 1: insert into advertisement1 values(2304,'jobsearch','job vacancy in kfc','23-jan-2020')

1 row created.

SQL> insert into advertisement1 values(&adv\_id,'&adv\_type','&adv\_title','&adv\_date');

Enter value for adv\_id: 2036

Enter value for adv\_type: rent

Enter value for adv\_title: rental

Enter value for adv\_date: 05-jan-2020

old 1: insert into advertisement1 values(&adv\_id,'&adv\_type','&adv\_title','&adv\_date')

new 1: insert into advertisement1 values(2036,'rent','rental','05-jan-2020')

1 row created.

SQL> insert into advertisement1 values(&adv\_id,'&adv\_type','&adv\_title','&adv\_date');

Enter value for adv\_id: 2039

Enter value for adv\_type: plot sale

Enter value for adv\_title: rohini plots

Enter value for adv\_date: 25-feb-2020

old 1: insert into advertisement1 values(&adv\_id,'&adv\_type','&adv\_title','&adv\_date')

new 1: insert into advertisement1 values(2039,'plot sale','rohini plots','25-feb-2020')

1 row created.

SQL> insert into advertisement1 values(&adv\_id,'&adv\_type','&adv\_title','&adv\_date');

Enter value for adv\_id: 3045

Enter value for adv\_type: marriage

Enter value for adv\_title: xy matrimony

Enter value for adv\_date: 03-mar-2020

old 1: insert into advertisement1 values(&adv\_id,'&adv\_type','&adv\_title','&adv\_date')

new 1: insert into advertisement1 values(3045,'marriage','xy matrimony','03-mar-2020')

1 row created.

SQL> insert into advertisement1 values(&adv\_id,'&adv\_type','&adv\_title','&adv\_date');

Enter value for adv\_id: 3033

Enter value for adv\_type: exhibition

Enter value for adv\_title: near jo park

Enter value for adv\_date: 04-jun-2020

old 1: insert into advertisement1 values(&adv\_id,'&adv\_type','&adv\_title','&adv\_date')

new 1: insert into advertisement1 values(3033,'exhibition','near jo park','04-jun-2020')

1 row created.

SQL> insert into publisher values(&pub\_id,'&pub\_name','&pub\_email','&pub\_date');

Enter value for pub\_id: 201

Enter value for pub\_name: sreenath

Enter value for pub\_email: sreenath@gmail.com

Enter value for pub\_date: 02-may-2020

old 1: insert into publisher values(&pub\_id,'&pub\_name','&pub\_email','&pub\_date')

new 1: insert into publisher values(201,'sreenath','sreenath@gmail.com','02-may-2020')

1 row created.

SQL> insert into publisher values(&pub\_id,'&pub\_name','&pub\_email','&pub\_date');

Enter value for pub\_id: 202

Enter value for pub\_name: vinay

Enter value for pub\_email: vinay@gmail.com

Enter value for pub\_date: 06-jun-2020

old 1: insert into publisher values(&pub\_id,'&pub\_name','&pub\_email','&pub\_date')

new 1: insert into publisher values(202,'vinay','vinay@gmail.com','06-jun-2020')

1 row created.

SQL> insert into publisher values(&pub\_id,'&pub\_name','&pub\_email','&pub\_date');

Enter value for pub\_id: 203

Enter value for pub\_name: vaishu roy

Enter value for pub\_email: vaishu@gmail.com

Enter value for pub\_date: 03-jul-2020

old 1: insert into publisher values(&pub\_id,'&pub\_name','&pub\_email','&pub\_date')

new 1: insert into publisher values(203,'vaishu roy','vaishu@gmail.com','03-jul-2020')

1 row created.

SQL> insert into publisher values(&pub\_id,'&pub\_name','&pub\_email','&pub\_date');

Enter value for pub\_id: 210

Enter value for pub\_name: tilok

Enter value for pub\_email: tilok@gmail.com

Enter value for pub\_date: 05-aug-2020

old 1: insert into publisher values(&pub\_id,'&pub\_name','&pub\_email','&pub\_date')

new 1: insert into publisher values(210,'tilok','tilok@gmail.com','05-aug-2020')

1 row created.

SQL> insert into publisher values(&pub\_id,'&pub\_name','&pub\_email','&pub\_date');

Enter value for pub\_id: 224

Enter value for pub\_name: gnatu bose

Enter value for pub\_email: gnatu@gmail.com

Enter value for pub\_date: 20-aug-2020

old 1: insert into publisher values(&pub\_id,'&pub\_name','&pub\_email','&pub\_date')

new 1: insert into publisher values(224,'gnatu bose','gnatu@gmail.com','20-aug-2020')

1 row created.

SQL> select \* from user\_;

USER\_ID USER\_NAME USER\_EMAIL USER\_PASSW

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USER\_ADD

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1111 sravya sravya@gmail.com \*\*\*\*

vinay nagar,guntur

2222 monica monica@gmail.com \*\*\*\*

ff2,lawyerpet,ongole

3333 saila saila@gmail.com \*\*\*\*

santh nagar

USER\_ID USER\_NAME USER\_EMAIL USER\_PASSW

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USER\_ADD

-------------------

4444 bobby bobby@gmail.com \*\*\*\*

vip road,guntur

5555 tinku tinku@gmail.com \*\*\*\*

hyderbad,vce college

SQL> select \* from news1;

NEWS\_ID NEWS\_TYPE TITLE

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SHORT\_DESCR READ\_DATE

-------------------------------------------------- ---------

PUBLISHERNAME

--------------------

101 sports ipl cancelled

ipl cancelled due to increase in covid cases 03-MAY-20

sreenath

102 education covid cases students

students got infected to covid during lab exams 07-JUN-20

vinay

NEWS\_ID NEWS\_TYPE TITLE

---------- -------------------- --------------------

SHORT\_DESCR READ\_DATE

-------------------------------------------------- ---------

PUBLISHERNAME

--------------------

103 politics elections continued

election are ruuning in ap 05-JUL-20

vaishu roy

110 bollywood alia tested +ve

alia tested +ve for covid.she is in quarantine 07-AUG-20

NEWS\_ID NEWS\_TYPE TITLE

---------- -------------------- --------------------

SHORT\_DESCR READ\_DATE

-------------------------------------------------- ---------

PUBLISHERNAME

--------------------

tilok

124 tollywood cinemas postponed

nani movie got postponed due shut down of theatres 21-AUG-20

gnatu bose

SQL> select \* from advertisement1;

ADV\_ID ADV\_TYPE ADV\_TITLE ADV\_DATE

---------- -------------------- -------------------- ---------

2304 jobsearch job vacancy in kfc 23-JAN-20

2036 rent rental 05-JAN-20

2039 plot sale rohini plots 25-FEB-20

3045 marriage xy matrimony 03-MAR-20

3033 exhibition near jo park 04-JUN-20

SQL> select \* from publisher;

PUB\_ID PUB\_NAME PUB\_EMAIL PUB\_DATE

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201 sreenath sreenath@gmail.com 02-MAY-20

202 vinay vinay@gmail.com 06-JUN-20

203 vaishu roy vaishu@gmail.com 03-JUL-20

210 tilok tilok@gmail.com 05-AUG-20

224 gnatu bose gnatu@gmail.com 20-AUG-20

