

My Scripts \

# Script



Actions



Edit Attributes



Run Script

Name	exp 1
Description	DDL
Area	-
Visibility	Private - you are the only person who can access
Tags	-
Script Results	<div>We cannot determine the last run date for this script.</div> <a href="#">What's This?</a>
Last Updated	Wednesday January 31, 2024 (Created 4 hours ago)
Metrics	12 Statements, 634 bytes

Statement 1



Edit

```
CREATE TABLE parts(
  part_id NUMBER PRIMARY KEY,
  part_name VARCHAR2(50) NOT NULL,
  unique_code VARCHAR2(20) NOT NULL,
  manufactured_date DATE NOT NULL,
  cost NUMBER(10,2) NOT NULL
)
```

Table created.

Statement 2



Edit

```
ALTER TABLE parts
  ADD quantity NUMBER NOT NULL
```

Table altered.

Statement 3




Edit

```
ALTER TABLE parts
  MODIFY manufactured_date DATE
```

Table altered.

Statement 4




Edit

ALTER TABLE parts  
DROP COLUMN manufactured\_date

Table altered.

Statement 5



Edit

DESC parts


TABLE PARTS

Column	Null?	Type
PART_ID	NOT NULL	NUMBER
PART_NAME	NOT NULL	VARCHAR2(50)
UNIQUE_CODE	NOT NULL	VARCHAR2(20)
COST	NOT NULL	NUMBER(10,2)
QUANTITY	NOT NULL	NUMBER

Download CSV

5 rows selected.

Statement 6




Edit

CREATE TABLE boats(  
boat\_id NUMBER PRIMARY KEY,  
boat\_name VARCHAR2(50) NOT NULL  
)

Table created.

Statement 7




Edit

DROP TABLE boats

Table dropped.

Statement 8




Edit

INSERT INTO parts VALUES (101,'XAT','XHJ45689023K',999.89,98)

1 row(s) inserted.

Statement 9



Edit

select \* from PARTS

PART_ID	PART_NAME	UNIQUE_CODE	COST	QUANTITY
101	XAT	XHJ45689023K	999.89	98

Download CSV

Statement 10



Edit

```
select * from PARTS
```

PART_ID	PART_NAME	UNIQUE_CODE	COST	QUANTITY
101	XAT	XHJ45689023K	999.89	98

Download CSV

Statement 11



Edit

```
TRUNCATE TABLE parts
```

Table truncated.

Statement 12



Edit

```
select * from PARTS
```

no data found



Script Update Details

My Scripts \

# Script



Actions

 Edit Attributes

 Run Script

Name exp2

Description DML

Area -

Visibility Private - you are the only person who can access

Tags -

Script Results

We cannot determine the last run date for this script.

What's This?

Last Updated Wednesday January 31, 2024 (Created 4 hours ago)

Metrics 12 Statements, 844 bytes

Statement 1



Edit

```
CREATE TABLE person(
    person_id NUMBER PRIMARY KEY,
    First_name VARCHAR2(50) NOT NULL,
    Last_name VARCHAR2(50) NOT NULL,
    phone_no NUMBER(10) NOT NULL
)
```

Table created.

Statement 2



Edit

DESC person

TABLE PERSON

Column	Null?	Type
PERSON_ID	NOT NULL	NUMBER
FIRST_NAME	NOT NULL	VARCHAR2(50)

LAST_NAME	NOT NULL	VARCHAR2(50)
PHONE_NO	NOT NULL	NUMBER(10,0)

Download CSV

4 rows selected.

Statement 3

Edit

```
INSERT INTO person(person_id,first_name,last_name,phone_no) VALUES(2,'JHON','C
```

1 row(s) inserted.

Statement 4

Edit

```
INSERT INTO person(person_id,first_name,last_name,phone_no) VALUES(3,'RAM','SH
```

1 row(s) inserted.

Statement 5

Edit

```
INSERT INTO person(person_id,first_name,last_name,phone_no) VALUES(3,'RAM','SH
```

ORA-00001: unique constraint (SQL\_HVUWHJKKDHTLVLXBTXZJUNSXH.SYS\_C00147208819) violated  
ORA-06512: at "SYS.DBMS\_SQL", line 1721

More Details: <https://docs.oracle.com/error-help/db/ora-00001>

Statement 6

Edit

```
INSERT INTO person(person_id,first_name,last_name,phone_no) VALUES(1,'Suresh',
```

1 row(s) inserted.

Statement 7

Edit

```
INSERT INTO person(person_id,first_name,last_name,phone_no) VALUES(4,'naresh',
```

1 row(s) inserted.

Statement 8

Edit

```
SELECT * FROM person
```

PERSON_ID	FIRST_NAME	LAST_NAME	PHONE_NO
3	RAM	SHANKAR	8548585678
2	JHON	Cristofer	8548585678
1	Suresh	Krishna	7382790163
4	naresh	kp	8125464163

Download CSV

4 rows selected.

Statement **9**



Edit

```
update person set phone_no= 9177464163 where phone_no= 8548585678
```

2 row(s) updated.

Statement **10**



Edit

```
select * from person
```

PERSON_ID	FIRST_NAME	LAST_NAME	PHONE_NO
3	RAM	SHANKAR	9177464163
2	JHON	Cristofer	9177464163
1	Suresh	Krishna	7382790163
4	naresh	kp	8125464163

Download CSV

4 rows selected.

Statement **11**



Edit

```
delete from person where phone_no=7382790163
```

1 row(s) deleted.

Statement **12**



Edit

```
select * from person
```

PERSON_ID	FIRST_NAME	LAST_NAME	PHONE_NO
3	RAM	SHANKAR	9177464163
2	JHON	Cristofer	9177464163
4	naresh	kp	8125464163

Download CSV

3 rows selected.

▶ **Script Update Details**

---

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· [Dev Gym](#)

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My Scripts \

## Script



Actions



Edit Attributes



Run Script

Name **exp 3**

Description Create view,update view, delete view

Area -

Visibility Private - you are the only person who can access

Tags -

Script Results

We cannot determine the last run date for this script.

[What's This?](#)

Last Updated Wednesday January 31, 2024 (Created 4 hours ago)

Metrics 18 Statements, 1,069 bytes

Statement 1



Edit

```
CREATE TABLE students(  
  ID NUMBER(10) PRIMARY KEY,  
  name VARCHAR2(50) ,  
  gender CHAR,  
  mobile_no NUMBER(10),  
  dept VARCHAR2(5)  
)
```

Table created.

Statement 2



Edit

DESC students

TABLE STUDENTS

Column	Null?	Type
ID	NOT NULL	NUMBER(10,0)
NAME	-	VARCHAR2(50)



GENDER	-	CHAR(1)
MOBILE_NO	-	NUMBER(10,0)
DEPT	-	VARCHAR2(5)

Download CSV

5 rows selected.

Statement 3



Edit

```
INSERT ALL
  INTO students VALUES (510,'Raju','M',7648982567,'CSE')
  INTO students VALUES (339,'Suresh','M',7839265709,'CSM')
  INTO students VALUES (289,'Krishna','M',6289106653,'EEE')
  INTO students VALUES (501,'Alex','M',9286470178,'CSE')
  INTO students VALUES (145,'Harsha','M',7459026841,'ECE')
  INTO students VALUES (505,'Aravind','M',8468464937,'CSE')
SELECT * FROM DUAL
```

6 row(s) inserted.

Statement 4



Edit

```
CREATE VIEW cse_std AS SELECT id,name,gender,dept FROM students WHERE dept='CSE'
```

View created.

Statement 5



Edit

```
SELECT * FROM cse_std
```

ID	NAME	GENDER	DEPT
510	Raju	M	CSE
501	Alex	M	CSE
505	Aravind	M	CSE

Download CSV

3 rows selected.

Statement 6



Edit

```
SELECT * FROM std
```

ORA-00942: table or view does not exist

More Details: <https://docs.oracle.com/error-help/db/ora-00942>

Statement **7**



Edit

```
CREATE VIEW std AS SELECT id,name,dept FROM students
```

View created.

Statement **8**



Edit

```
SELECT * FROM std
```

ID	NAME	DEPT
510	Raju	CSE
339	Suresh	CSM
289	Krishna	EEE
501	Alex	CSE
145	Harsha	ECE
505	Aravind	CSE

Download CSV

6 rows selected.

Statement **9**



Edit

```
SELECT * FROM cse_std
```

ID	NAME	GENDER	DEPT
510	Raju	M	CSE
501	Alex	M	CSE
505	Aravind	M	CSE

Download CSV

3 rows selected.

Statement **10**



Edit

```
UPDATE cse_std SET name='Balaji' WHERE ID=510
```

1 row(s) updated.

Statement **11**



Edit

```
SELECT * FROM cse_std
```

ID	NAME	GENDER	DEPT
510	Balaji	M	CSE
501	Alex	M	CSE
505	Aravind	M	CSE

Download CSV

3 rows selected.

Statement **12**



Edit

```
DELETE FROM cse_std WHERE id=501
```

1 row(s) deleted.

Statement **13**



Edit

```
SELECT * FROM eee_std
```

ORA-00942: table or view does not exist

More Details: <https://docs.oracle.com/error-help/db/ora-00942>

Statement **14**



Edit

```
CREATE VIEW eee_std AS SELECT ID,NAME,mobile_no FROM students WHERE dept='EEE'
```

View created.

Statement **15**



Edit

```
SELECT * FROM eee_std
```

ID	NAME	MOBILE_NO
289	Krishna	6289106653

Download CSV



Statement **16**



Edit

```
DELETE FROM eee_std
```

1 row(s) deleted.

Statement <b>17</b>  <input type="button" value="Edit"/>	<pre>DROP VIEW eee_std</pre> <p>View dropped.</p>
Statement <b>18</b>  <input type="button" value="Edit"/>	<pre>SELECT * FROM eee_std</pre> <p>ORA-00942: table or view does not exist</p> <p>More Details: <a href="https://docs.oracle.com/error-help/db/ora-00942">https://docs.oracle.com/error-help/db/ora-00942</a></p>

 **Script Update Details**

My Scripts \

# Script



Actions



Edit Attributes



Run Script

Name	exp 4
Description	joins
Area	-
Visibility	Private - you are the only person who can access
Tags	-
Script Results	<div>We cannot determine the last run date for this script.</div> <a href="#">What's This?</a>
Last Updated	Wednesday January 31, 2024 (Created 4 hours ago)
Metrics	13 Statements, 1,665 bytes

Statement 1



Edit

```
CREATE TABLE instructor(
  ins_id NUMBER(10) PRIMARY KEY,
  ins_name VARCHAR2(25) NOT NULL,
  dep_name VARCHAR2(10) NOT NULL,
  salary NUMBER(10,0)
)
```

Table created.

Statement 2



Edit

```
CREATE TABLE department(
  dep_id NUMBER(10) PRIMARY KEY,
  dep_name VARCHAR2(10) NOT NULL,
  building VARCHAR2(10) NOT NULL,
  budget NUMBER(10)
)
```

Table created.

Statement 3



Edit

```
INSERT ALL
  INTO instructor VALUES (1,'Suresh','cse',40000)
  INTO instructor VALUES (2,'Mahesh','csd',37000)
  INTO instructor VALUES (3,'Aravind','csm',20000)
  INTO instructor VALUES (4,'Jagadeesh','cse',50000)
  INTO instructor VALUES (5,'Raju','physics',20000)
  INTO instructor VALUES (6,'Somesh','EEE',30000)
  INTO instructor VALUES (7,'Ravi','civil',35000)
  INTO department VALUES (1,'cse','gandhi',3500000)
  INTO department VALUES (2,'csm','b_block',1000000)
  INTO department VALUES (3,'ECE','d_block',1500000)
  INTO department VALUES (4,'EEE','c_block',2000000)
SELECT * FROM dual
```

11 row(s) inserted.

Statement 4



Edit

```
SELECT * FROM INSTRUCTOR
```

INS_ID	INS_NAME	DEP_NAME	SALARY
1	Suresh	cse	40000
2	Mahesh	csd	37000
3	Aravind	csm	20000
4	Jagadeesh	cse	50000
5	Raju	physics	20000
6	Somesh	EEE	30000
7	Ravi	civil	35000

Download CSV

7 rows selected.

Statement 5



Edit

```
SELECT * FROM department
```

DEP_ID	DEP_NAME	BUILDING	BUDGET
1	cse	gandhi	3500000

2	csm	b_block	1000000
3	ECE	d_block	1500000
4	EEE	c_block	2000000

Download CSV

4 rows selected.

Statement 6



Edit

```
SELECT dep_name FROM instructor
UNION
SELECT dep_name FROM department
```

DEP_NAME
ECE
EEE
civil
csd
cse
csm
physics

Download CSV

7 rows selected.

Statement 7



Edit

```
SELECT dep_name FROM instructor
UNION ALL
SELECT dep_name FROM department
```

DEP_NAME
cse
csd
csm

cse
physics
EEE
civil
cse
csm
ECE
EEE

Download CSV

11 rows selected.

Statement 8



Edit

```
SELECT dep_name FROM instructor
INTERSECT
SELECT dep_name FROM department
```

DEP_NAME
EEE
cse
csm

Download CSV

3 rows selected.

Statement 9



Edit

```
SELECT dep_name FROM instructor
MINUS
SELECT dep_name FROM department
```

DEP_NAME
civil
csd



physics

Download CSV

3 rows selected.

Statement 10



Edit

```
SELECT dep_name FROM department
      MINUS
      SELECT dep_name FROM instructor
```

DEP_NAME
ECE

Download CSV

Statement 11



Edit

```
SELECT i.ins_name,d.dep_name,d.budget FROM instructor i,department d
```

INS_NAME	DEP_NAME	BUDGET
Suresh	cse	3500000
Mahesh	cse	3500000
Aravind	cse	3500000
Jagadeesh	cse	3500000
Raju	cse	3500000
Somesh	cse	3500000
Ravi	cse	3500000
Suresh	csm	1000000
Mahesh	csm	1000000
Aravind	csm	1000000
Jagadeesh	csm	1000000
Raju	csm	1000000

Somesh	csm	1000000
Ravi	csm	1000000
Suresh	ECE	1500000
Mahesh	ECE	1500000
Aravind	ECE	1500000
Jagadeesh	ECE	1500000
Raju	ECE	1500000
Somesh	ECE	1500000
Ravi	ECE	1500000
Suresh	EEE	2000000
Mahesh	EEE	2000000
Aravind	EEE	2000000
Jagadeesh	EEE	2000000
Raju	EEE	2000000
Somesh	EEE	2000000
Ravi	EEE	2000000

Download CSV

28 rows selected.

Statement 12



Edit

SELECT i.ins\_name,d.dep\_name,d.budget FROM instructor i CROSS JOIN department d

INS_NAME	DEP_NAME	BUDGET
Suresh	cse	3500000
Mahesh	cse	3500000
Aravind	cse	3500000
Jagadeesh	cse	3500000

Raju	cse	3500000
Somesh	cse	3500000
Ravi	cse	3500000
Suresh	csm	1000000
Mahesh	csm	1000000
Aravind	csm	1000000
Jagadeesh	csm	1000000
Raju	csm	1000000
Somesh	csm	1000000
Ravi	csm	1000000
Suresh	ECE	1500000
Mahesh	ECE	1500000
Aravind	ECE	1500000
Jagadeesh	ECE	1500000
Raju	ECE	1500000
Somesh	ECE	1500000
Ravi	ECE	1500000
Suresh	EEE	2000000
Mahesh	EEE	2000000
Aravind	EEE	2000000
Jagadeesh	EEE	2000000
Raju	EEE	2000000
Somesh	EEE	2000000
Ravi	EEE	2000000

Download CSV

28 rows selected.

Statement 13



Edit

```
SELECT i.ins_name,dep_name,d.budget FROM instructor i NATURAL JOIN department d
```

INS_NAME	DEP_NAME	BUDGET
Suresh	cse	3500000
Aravind	csm	1000000
Jagadeesh	cse	3500000
Somesh	EEE	2000000

Download CSV

4 rows selected.



Script Update Details

My Scripts \

# Script



Actions ▾

 Edit Attributes

 Run Script

Name	exp 5
Description	constraints
Area	-
Visibility	Private - you are the only person who can access
Tags	-
Script Results	<div>We cannot determine the last run date for this script.</div> <a href="#">What's This?</a>
Last Updated	Wednesday January 31, 2024 (Created 4 hours ago)
Metrics	9 Statements, 893 bytes

Statement 1  Edit	<pre>CREATE TABLE instructors(   id NUMBER PRIMARY KEY,   name VARCHAR2(50) NOT NULL,   salary NUMBER )</pre> <p>Table created.</p>
Statement 2  Edit	<pre>CREATE TABLE departments(   id NUMBER PRIMARY KEY,   dept_name VARCHAR2(50) )</pre> <p>Table created.</p>
Statement 3  Edit	<pre>INSERT ALL   INTO instructors VALUES (1,'Ram',70000)   INTO instructors VALUES (2,'Sham',null)</pre>

```
INTO instructors VALUES (3,'Venkat',30000)
INTO departments VALUES (1,'CSE')
INTO departments VALUES (2,'EEE')
INTO departments VALUES (3,'CSM')
SELECT * FROM dual
```

6 row(s) inserted.

Statement **4**



Edit

```
SELECT * FROM instructors
```

ID	NAME	SALARY
1	Ram	70000
2	Sham	-
3	Venkat	30000

Download CSV

3 rows selected.

Statement **5**



Edit

```
SELECT * FROM instructors
WHERE
salary IS NULL
```

ID	NAME	SALARY
2	Sham	-

Download CSV

Statement **6**



Edit

```
SELECT * FROM instructors
WHERE
salary BETWEEN 10000 AND 80000
```

ID	NAME	SALARY
1	Ram	70000
3	Venkat	30000

Download CSV

2 rows selected.

Statement **7**



Edit

```
SELECT * FROM instructors
WHERE
name LIKE '___'
```

ID	NAME	SALARY
1	Ram	70000

Download CSV

Statement **8**



Edit

```
SELECT * FROM instructors
WHERE
salary IN(10000,30000,20000)
```

ID	NAME	SALARY
3	Venkat	30000

Download CSV

Statement **9**



Edit

```
SELECT * FROM instructors
WHERE
EXISTS(SELECT * FROM departments WHERE instructors.id=departments.id)
```

ID	NAME	SALARY
1	Ram	70000
2	Sham	-
3	Venkat	30000

Download CSV

3 rows selected.

▶ **Script Update Details**

---

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· [Dev Gym](#)

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My Scripts \

# Script



Actions ▾

 Edit Attributes

 Run Script

Name **exp 8**

Description time and date functions

Area -

Visibility Private - you are the only person who can access

Tags -

Script Results

We cannot determine the last run date for this script.

[What's This?](#)

Last Updated Wednesday January 31, 2024 (Created 3 hours ago)

Metrics 18 Statements, 916 bytes

Statement 1



Edit

```
CREATE TABLE names(
  first_name VARCHAR2(30
) NOT NULL,
  LAST_name VARCHAR2(30) NOT NULL
)
```

Table created.

Statement 2



Edit

```
INSERT ALL
  INTO names VALUES ('Antony','Robert')
  INTO names VALUES ('Mark','Antony')
  INTO names VALUES ('Stuart','Smart')
  INTO names VALUES ('Rakesh','k')
select * from dual
```

4 row(s) inserted.

Statement **3**



Edit

```
SELECT LOWER(first_name) FROM names
```

LOWER(FIRST_NAME)
antony
mark
stuart
rakesh

Download CSV

4 rows selected.

Statement **4**



Edit

```
SELECT UPPER(first_name) FROM names
```

UPPER(FIRST_NAME)
ANTONY
MARK
STUART
RAKESH

Download CSV

4 rows selected.

Statement **5**



Edit

```
SELECT INITCAP(first_name) FROM names
```

INITCAP(FIRST_NAME)
Antony
Mark
Stuart
Rakesh

Download CSV

4 rows selected.

Statement **6**



Edit

```
SELECT CONCAT(first_name,last_name) FROM names
```

CONCAT(FIRST_NAME, LAST_NAME)
AntonyRobert
MarkAntony
StuartSmart
Rakeshk

Download CSV

4 rows selected.

Statement **7**



Edit

```
SELECT SUBSTR(first_name,1,4) FROM names
```

SUBSTR(FIRST_NAME,1,4)
Anto
Mark
Stua
Rake

Download CSV

4 rows selected.

Statement **8**



Edit

```
SELECT LENGTH(first_name) FROM names
```

LENGTH(FIRST_NAME)
6
4

6
6

Download CSV

4 rows selected.

Statement 9



Edit

```
SELECT INSTR(first_name,'Ma') FROM names
```

<b>INSTR(FIRST_NAME,MA')</b>
0
1
0
0

Download CSV

4 rows selected.

Statement 10



Edit

```
SELECT TRIM(' ' FROM first_name) FROM names
```

<b>TRIM("FROMFIRST_NAME)</b>
Antony
Mark
Stuart
Rakesh

Download CSV

4 rows selected.

Statement 11



Edit

```
SELECT ROUND(11.111,2) FROM dual
```

<b>ROUND(11.111,2)</b>
------------------------

11.11

Download CSV

Statement 12



Edit

SELECT MOD(11,2) FROM dual

MOD(11,2)
1

Download CSV

Statement 13



Edit

SELECT SYSDATE FROM dual

SYSDATE
31-JAN-24

Download CSV

Statement 14



Edit

SELECT MONTHS\_BETWEEN(SYSDATE,'08-DEC-2024') FROM dual

MONTHS_BETWEEN(SYSDATE,'08-DEC-2024')
-10.24551075268817204301075268817204301075

Download CSV

Statement 15



Edit

SELECT ADD\_MONTHS(SYSDATE,12) FROM dual

ADD_MONTHS(SYSDATE,12)
31-JAN-25

Download CSV

Statement **16**



Edit

```
SELECT NEXT_DAY(SYSDATE,'MONDAY') FROM dual
```

**NEXT\_DAY(SYSDATE,'MONDAY')**

05-FEB-24

Download CSV

Statement **17**



Edit

```
SELECT LAST_DAY(SYSDATE) FROM dual
```

**LAST\_DAY(SYSDATE)**

31-JAN-24

Download CSV

Statement **18**



Edit

```
SELECT CURRENT_TIMESTAMP(3) FROM dual
```

**CURRENT\_TIMESTAMP(3)**

31-JAN-24 01.21.17.336000 AM US/PACIFIC

Download CSV



**Script Update Details**

My Scripts \

# Script



Actions



Edit Attributes



Run Script

Name

exp 9

Description

key constraints

Area

-

Visibility

Private - you are the only person who can access

Tags

-

Script Results

We cannot determine the last run date for this script.

[What's This?](#)

Last Updated

Wednesday January 31, 2024 (Created 3 hours ago)

Metrics

17 Statements, 1,241 bytes

Statement 1



Edit

```
CREATE TABLE stud(
  ID NUMBER PRIMARY KEY,
  first_name VARCHAR2
(25) NOT NULL,
  last_name VARCHAR2(25) NOT NULL
)
```

Table created.

Statement 2



Edit

```
INSERT INTO stud VALUES (111, 'HARRY', 'kp')
```

1 row(s) inserted.

Statement 3



Edit

```
INSERT INTO stud VALUES (111, 'HARRY', 'HARRY')
```

ORA-00001: unique constraint (SQL\_HVUWHJKKDHTLVLXBTXZJUNSXH.SYS\_C00147217851) violated  
ORA-06512: at "SYS.DBMS\_SQL", line 1721

More Details: <https://docs.oracle.com/error-help/db/ora-00001>

Statement <b>4</b>  <input type="button" value="Edit"/>	<pre>CREATE TABLE orders(     id NUMBER PRIMARY KEY,     order_num NUMBER NOT NULL,     stud_id NUMBER REFERENCES stud(id) )</pre> <p>Table created.</p>
Statement <b>5</b>  <input type="button" value="Edit"/>	<pre>INSERT INTO orders VALUES (11,2,111)</pre> <p>1 row(s) inserted.</p>
Statement <b>6</b>  <input type="button" value="Edit"/>	<pre>CREATE TABLE employees(     id NUMBER PRIMARY KEY,     name VARCHAR2(50) NOT NULL,     e_mail VARCHAR2(50) UNIQUE )</pre> <p>Table created.</p>
Statement <b>7</b>  <input type="button" value="Edit"/>	<pre>INSERT INTO employees VALUES (1505,'RAMESH K','Ramesh510@gmail.com')</pre> <p>1 row(s) inserted.</p>
Statement <b>8</b>  <input type="button" value="Edit"/>	<pre>CREATE TABLE order1(     id NUMBER PRIMARY KEY,     product_name VARCHAR2(50) NOT NULL,     quantity NUMBER )</pre> <p>Table created.</p>
Statement <b>9</b>  <input type="button" value="Edit"/>	<pre>INSERT INTO order1 VALUES (4,'',98)</pre> <p>ORA-01400: cannot insert NULL into ("SQL_HVUWHJKKDHTLVLXBTXZJUNSXH"."ORDER1"."PRODUCT_NAME") ORA-06512: at "SYS.DBMS_SQL", line 1721</p> <p>More Details: <a href="https://docs.oracle.com/error-help/db/ora-01400">https://docs.oracle.com/error-help/db/ora-01400</a></p>



Statement 10

Edit

```
CREATE TABLE parts1(  
    part_id NUMBER PRIMARY KEY,  
    part_name VARCHAR2(50) NOT NULL,  
    buy_price NUMBER(9,2) CHECK(buy_price>0)  
)
```

Table created.

Statement 11

Edit

```
INSERT INTO parts1 VALUES (1,'ABCD',788)
```

1 row(s) inserted.

Statement 12

Edit

```
CREATE TABLE customers1(  
    name VARCHAR2(50) NOT NULL,  
    id NUMBER PRIMARY KEY,  
    country VARCHAR2(20) DEFAULT 'IND'  
)
```

Table created.

Statement 13

Edit

```
INSERT INTO customers1(name,id,country) VALUES ('Ram',1,'AUS')
```

1 row(s) inserted.

Statement 14

Edit

```
INSERT INTO customers1(name,id) VALUES ('Raju',2)
```

1 row(s) inserted.

Statement 15

Edit


```
SELECT * FROM customers1
```

NAME	ID	COUNTRY
Ram	1	AUS
Raju	2	IND

Download CSV

2 rows selected.

Statement 16




Edit

```
SET LIN100
```

Unsupported Command

Statement 17




Edit

```
SELECT * FROM customers1
```

NAME	ID	COUNTRY
Ram	1	AUS
Raju	2	IND

Download CSV

2 rows selected.

 **Script Update Details**

My Scripts \

# Script



Actions

 Edit Attributes

 Run Script

Name	exp 10
Description	Write a PL/SQL program for calculating the factorial of a given number.
Area	-
Visibility	Private - you are the only person who can access
Tags	-
Script Results	<div>We cannot determine the last run date for this script.</div> <a href="#">What's This?</a>
Last Updated	Wednesday January 31, 2024 (Created 13 minutes ago)
Metrics	1 Statements, 133 bytes

Statement 1



Edit

```

DECLARE
fac NUMBER :=1;
n NUMBER := 10;
BEGIN
WHILE n > 0 LOOP
fac:=n*fac;
n:=n-1;
END LOOP;
DBMS_OUTPUT.PUT_LINE(FAC);
END;

Statement processed.
3628800

```



Script Update Details



My Scripts \

# Script



Actions

 Edit Attributes

 Run Script

Name	exp 11
Description	Write a PL/SQL program for finding the given number is prime number or not.
Area	-
Visibility	Private - you are the only person who can access
Tags	-
Script Results	<div>We cannot determine the last run date for this script.</div> <a href="#">What's This?</a>
Last Updated	Wednesday January 31, 2024 (Created 10 minutes ago)
Metrics	1 Statements, 307 bytes

Statement 1



Edit

```

DECLARE
n NUMBER;
i NUMBER;
temp NUMBER;
BEGIN
n := 17;
i := 2;
temp := 1;
FOR i IN 2..n/2
LOOP
IF MOD(n, i) = 0
THEN
temp := 0;
EXIT;
END IF;
END LOOP;
IF temp = 1
THEN

```

```
DBMS_OUTPUT.PUT_LINE(n||' is a prime number');  
ELSE  
DBMS_OUTPUT.PUT_LINE(n||' is not a prime number');  
END IF;  
END;
```

Statement processed.

17 is a prime number

▶ **Script Update Details**

My Scripts \

# Script



Actions

Edit Attributes

Run Script

Name	exp 12
Description	Write a PL/SQL program for displaying the Fibonacci series up to an integer.
Area	-
Visibility	Private - you are the only person who can access
Tags	-
Script Results	<div>We cannot determine the last run date for this script.</div> <a href="#">What's This?</a>
Last Updated	Wednesday January 31, 2024 (Created 9 minutes ago)
Metrics	1 Statements, 314 bytes

Statement 1



Edit

```

DECLARE
FIRST NUMBER := 0;
SECOND NUMBER := 1;
TEMP NUMBER;
N NUMBER := 7;
I NUMBER;
BEGIN
DBMS_OUTPUT.PUT_LINE('SERIES: ');
DBMS_OUTPUT.PUT_LINE(FIRST);
DBMS_OUTPUT.PUT_LINE(SECOND);
FOR I IN 2..N
LOOP
TEMP:=FIRST+SECOND;
FIRST := SECOND;
SECOND := TEMP;
DBMS_OUTPUT.PUT_LINE(TEMP);

```

```
END LOOP;
```

```
END;
```

Statement processed.

SERIES:

0

1

1

2

3

5

8

13

 **Script Update Details**



My Scripts \

## Script



Actions



Edit Attributes



Run Script

Name	exp 13
Description	Write PL/SQL program to implement Stored Procedure on table. PL/SQL Procedure
Area	-
Visibility	Private - you are the only person who can access
Tags	-
Script Results	<div>We cannot determine the last run date for this script.</div> <div>What's This?</div>
Last Updated	Wednesday January 31, 2024 (Created 7 minutes ago)
Metrics	3 Statements, 423 bytes

Statement 1



Edit

```
CREATE TABLE SAILOR(ID NUMBER(10) PRIMARY KEY,NAME VARCHAR2(100))
```

Table created.

Statement 2



Edit

```
CREATE OR REPLACE PROCEDURE INSERTUSER
(ID IN NUMBER,
NAME IN VARCHAR2)
IS
BEGIN
INSERT INTO SAILOR VALUES(ID,NAME);
DBMS_OUTPUT.PUT_LINE('RECORD INSERTED SUCCESSFULLY');
END;
```

Procedure created.

Statement 3



Edit

```
DECLARE
CNT NUMBER;
```

```
BEGIN
```

```
INSERTUSER(101,'NARESH');
```

```
SELECT COUNT(*) INTO CNT FROM SAILOR;
```

```
DBMS_OUTPUT.PUT_LINE(CNT||' RECORD IS INSERTED SUCCESSFULLY');
```

```
END;
```

Statement processed.

RECORD INSERTED SUCCESSFULLY

1 RECORD IS INSERTED SUCCESSFULLY

 **Script Update Details**

My Scripts \

# Script



Actions



Edit Attributes



Run Script

Name

exp 14

Description

Write PL/SQL program to implement Stored Function on table. PL/SQL Function

Area

-

Visibility

Private - you are the only person who can access

Tags

-

Script Results

We cannot determine the last run date for this script.

[What's This?](#)

Last Updated

Wednesday January 31, 2024 (Created 5 minutes ago)

Metrics

3 Statements, 333 bytes

Statement 1



Edit

```
CREATE FUNCTION fact(x number)
RETURN number
IS
f number;
BEGIN
IF x=0 THEN
f := 1;
ELSE
f := x * fact(x-1);
END IF;
RETURN f;
END;
```

Function created.

Statement 2



Edit

```
DECLARE
num number;
```

```
factorial number;
BEGIN
num:= 6;
factorial := fact(num);
dbms_output.put_line(' Factorial ' || num || ' is ' || factorial);
END;
```

Statement processed.  
Factorial 6 is 720

Statement 3



Edit

DROP FUNCTION fact

Function dropped.

Script Update Details

My Scripts \

## Script



Actions



Edit Attributes



Run Script

Name	exp 15
Description	Write PL/SQL program to implement Trigger on table.
Area	-
Visibility	Private - you are the only person who can access
Tags	-
Script Results	<div>We cannot determine the last run date for this script.</div> <a href="#">What's This?</a>
Last Updated	Wednesday January 31, 2024 (Created 80 seconds ago)
Metrics	15 Statements, 1,651 bytes

Statement 1



Edit

```
CREATE TABLE INSTRUCTOR
(ID VARCHAR2(5),
NAME VARCHAR2(20) NOT NULL,
DEPT_NAME VARCHAR2(20),
SALARY NUMERIC(8,2) CHECK (SALARY > 29000)
)
```

Table created.

Statement 2



Edit

```
insert into instructor values ('10101', 'Srinivasan', 'Comp. Sci.', '65000')
```

1 row(s) inserted.











Statement 3



Edit

```
insert into instructor values ('12121', 'Wu', 'Finance', '90000')
```

1 row(s) inserted.

Statement <b>4</b> <div>  <div>Edit</div> </div>	<pre>insert into instructor values ('15151', 'Mozart', 'Music', '40000')</pre> <p>1 row(s) inserted.</p>
Statement <b>5</b> <div>  <div>Edit</div> </div>	<pre>insert into instructor values ('32343', 'El Said', 'History', '60000')</pre> <p>1 row(s) inserted.</p>
Statement <b>6</b> <div>  <div>Edit</div> </div>	<pre>insert into instructor values ('22222', 'Einstein', 'Physics', '95000')</pre> <p>1 row(s) inserted.</p>
Statement <b>7</b> <div>  <div>Edit</div> </div>	<pre>insert into instructor values ('33456', 'Gold', 'Physics', '87000')</pre> <p>1 row(s) inserted.</p>
Statement <b>8</b> <div>  <div>Edit</div> </div>	<pre>insert into instructor values ('45565', 'Katz', 'Comp. Sci.', '75000')</pre> <p>1 row(s) inserted.</p>
Statement <b>9</b> <div>  <div>Edit</div> </div>	<pre>insert into instructor values ('58583', 'Califieri', 'History', '62000')</pre> <p>1 row(s) inserted.</p>
Statement <b>10</b> <div>  <div>Edit</div> </div>	<pre>insert into instructor values ('76543', 'Singh', 'Finance', '80000')</pre> <p>1 row(s) inserted.</p>
Statement <b>11</b> <div>  <div>Edit</div> </div>	<pre>insert into instructor values ('76766', 'Crick', 'Biology', '72000')</pre> <p>1 row(s) inserted.</p>
Statement <b>12</b> <div>  <div>Edit</div> </div>	<pre>insert into instructor values ('83821', 'Brandt', 'Comp. Sci.', '92000')</pre> <p>1 row(s) inserted.</p>
Statement <b>13</b> <div>  <div>Edit</div> </div>	<pre>insert into instructor values ('98345', 'Kim', 'Elec. Eng.', '80000')</pre> <p>1 row(s) inserted.</p>

Statement 14



Edit

```
CREATE OR REPLACE TRIGGER display_salary_changes
BEFORE UPDATE ON instructor
FOR EACH ROW
WHEN (NEW.ID = OLD.ID)
DECLARE
sal_diff number;
BEGIN
sal_diff := :NEW.salary - :OLD.salary;
dbms_output.put_line('Old salary: ' || :OLD.salary);
dbms_output.put_line('New salary: ' || :NEW.salary);
dbms_output.put_line('Salary difference: ' || sal_diff);
END;
```

Trigger created.

Statement 15



Edit

```
DECLARE
total_rows number(2);
BEGIN
UPDATE instructor
SET salary = salary + 5000;
IF sql%notfound THEN
dbms_output.put_line('no instructors updated');
ELSIF sql%found THEN
total_rows := sql%rowcount;
dbms_output.put_line( total_rows || ' instructors updated ');
END IF;
END;
```

Statement processed.

Old salary: 60000  
New salary: 65000  
Salary difference: 5000  
Old salary: 87000  
New salary: 92000  
Salary difference: 5000  
Old salary: 75000  
New salary: 80000  
Salary difference: 5000  
Old salary: 62000  
New salary: 67000  
Salary difference: 5000  
Old salary: 72000  
New salary: 77000  
Salary difference: 5000  
Old salary: 92000

New salary: 97000  
Salary difference: 5000  
Old salary: 90000  
New salary: 95000  
Salary difference: 5000  
Old salary: 40000  
New salary: 45000  
Salary difference: 5000  
Old salary: 80000  
New salary: 85000  
Salary difference: 5000  
Old salary: 65000  
New salary: 70000  
Salary difference: 5000  
Old salary: 95000  
New salary: 100000  
Salary difference: 5000  
Old salary: 80000  
New salary: 85000  
Salary difference: 5000  
12 instructors updated



### Script Update Details



My Scripts \

## Script



Actions



Edit Attributes



Run Script

Name	exp 16
Description	Write PL/SQL program to implement Cursor on table. PL/SQL Cursor
Area	-
Visibility	Private - you are the only person who can access
Tags	-
Script Results	<div>We cannot determine the last run date for this script.</div> <a href="#">What's This?</a>
Last Updated	Wednesday January 31, 2024 (Created 6 seconds ago)
Metrics	8 Statements, 879 bytes

Statement 1



Edit

```
CREATE TABLE customers(  
  ID NUMBER PRIMARY KEY,  
  NAME VARCHAR2(20) NOT NULL,  
  AGE NUMBER,  
  ADDRESS VARCHAR2(20),  
  SALARY NUMERIC(20,2))
```

Table created.

Statement 2



Edit

```
INSERT INTO customers VALUES(1,'Ramesh',23,'Allabad',25000)
```

1 row(s) inserted.

Statement 3



Edit

```
INSERT INTO customers VALUES(3, 'Mahesh',24,'Ghaziabad',29000)
```

1 row(s) inserted.

Statement <b>4</b>  <span>Edit</span>	<pre>INSERT INTO customers VALUES(2, 'Suresh',22,'Kanpur',27000)</pre> <p>1 row(s) inserted.</p>
Statement <b>5</b>  <span>Edit</span>	<pre>INSERT INTO customers VALUES(4, 'chandhan',25,'Noida',31000)</pre> <p>1 row(s) inserted.</p>
Statement <b>6</b>  <span>Edit</span>	<pre>INSERT INTO customers VALUES(5, 'Alex', 21, 'paris',33000)</pre> <p>1 row(s) inserted.</p>
Statement <b>7</b>  <span>Edit</span>	<pre>INSERT INTO customers VALUES(6, 'Sunita',20,'delhi',35000)</pre> <p>1 row(s) inserted.</p>
Statement <b>8</b>  <span>Edit</span>	<pre>DECLARE c_id customers.id%type; c_name customers.name%type; c_addr customers.address%type; CURSOR c_customers is SELECT id, name, address FROM customers; BEGIN OPEN c_customers; LOOP FETCH c_customers into c_id, c_name, c_addr; EXIT WHEN c_customers%notfound; dbms_output.put_line(c_id    ' '    c_name    ' '    c_addr); END LOOP; CLOSE c_customers; END;</pre> <p>Statement processed.</p> <p>4 chandhan Noida  1 Ramesh Allabad  2 Suresh Kanpur  3 Mahesh Ghaziabad  5 Alex paris  6 Sunita delhi</p>

