CREATION OF ALL TABLES

```
1 CREATE TABLE employees (
2 employee_id NUMBER PRIMARY KEY,
3 first_name VARCHAR2(50),
4 last_name VARCHAR2(50),
5 job_id VARCHAR2(15),
6 salary NUMBER(8,2),
7 commission_pct NUMBER(5,2),
hire_date DATE,
9 manager_id NUMBER,
10 department_id NUMBER
11 );
12

Results Explain Describe Saved SQL History

Table created.

0.03 seconds
```

```
1 CREATE TABLE departments (
2 department_id NUMBER PRIMARY KEY,
3 department_name VARCHAR2(50),
4 location_id NUMBER
5 );
6

Results Explain Describe Saved SQL History

Table created.

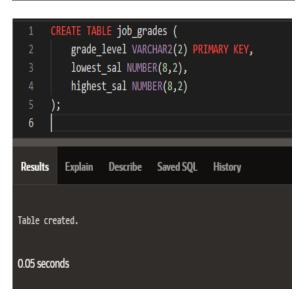
0.05 seconds
```

```
1 CREATE TABLE locations (
2 location_id NUMBER PRIMARY KEY,
3 city VARCHAR2(50)
4 );
5

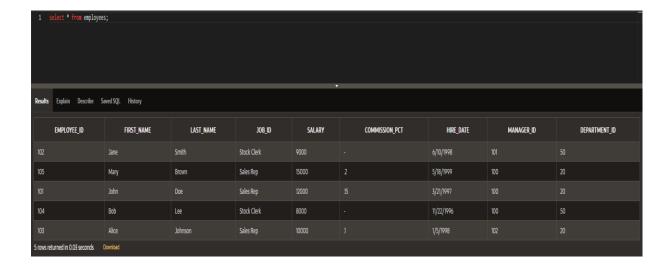
Results Explain Describe Saved SQL History

Table created.

0.04 seconds
```



REQIRED ALL TABLE







1 select * from job_grades;		
Results Explain Describe Saved SQL History		
GRADE LEVEL	LOWEST_SAL	HIGHEST_SAL
A	1000	5000
D	15001	20000
В	5001	10000
С	10001	15000

ANSWERS

1.

5 rows returned in 0.01 seconds Download

SELECT e.last_name, e.department_id, d.department_name

FROM employees e

JOIN departments d ON e.department_id = d.department_id;

Results

Explain Describe Seved SQL History

LAST_NAME DEPARTMENT_ID DEPARTMENT_ID

Sinith

Solution

S

```
2.

1 SELECT DISTINCT e.job_id, d.location_id
2 FROM employees e
3 JOIN departments d ON e.department_id = d.department_id
4 WHERE d.department_id = 80;
5

Results Explain Describe Saved SQL History

no data found
```

3.

4.

```
1 SELECT e.last_name, d.department_name
2 FROM employees e
3 JOIN departments d ON e.department_id = d.department_id
4 WHERE e.last_name LIKE '%a%';
5 

Results Explain Describe Saved SQL History

no data found
```

5.

6.

```
CT e.last_name AS "Employee", e.employee_id AS "Emp#", m.last_name AS "Na
employees e
'JOIN employees m ON e.manager_id = m.employee_id;
    ults Explain Describe Saved SQL History
                                         Employee
                                                                                                                                  Emp#
                                                                                                                                                                                                                                                                                                       Mgr#
Smith
```

7.

```
LECT e.last_name, e.employee_id, m.last_name AS "Man
XM employees e
FT JOIN employees m ON e.manager_id = m.employee_id
DER BY e.employee_id;
ults Explain Describe Saved SQL History
                                         LAST_NAME
                                                                                                                                                                   EMPLOYEE ID
                                                                                                                                                                                                                                                                                                                                                                     Mgr#
```

```
8.
               T e1.last_name AS "Employee", e1.department_id AS "Dept#", e2.last_name AS "Same Dept Employee"
         TROM employees e1

JOIN employees e2 ON e1.department_id = e2.department_id

MHERE e1.employee_id = 101;
                                                                                                                Dept#
                                                                                                                                                                                                                    Same Dept Employee
                                                                                                                                                     Johnson
 3 rows returned in 0.01 seconds Download
```

9. vemployees e.1252_iname, e.1262_iname, e.526.org, d.Gepartment_iname, e.526.org N departments d ON e.department_id = d.department_id N job_grades j ON e.salary BETWEEN j.lowest_sal ANO j.highest_sal; Explain Describe Saved SQL History LAST_NAME GRADE_LEVEL FIRST_NAME JOB ID DEPARTMENT NAME SALARY Smith Stock Clerk Sales Rep 10000 Sales Rep

10.

```
SELECT first_name, last_name, hire_date
      FROM employees
WHERE hire_date > (SELECT hire_date FROM employees WHERE last_name = 'Davies');
Results
         Explain
                   Describe
                              Saved SQL
                                          History
no data found
```

11.

```
SELECT e.first_name AS "Employee", e.last_name AS "Employee", e.hire_date AS "Emp Hired",
           m.first_name AS "Manager", m.last_name AS "Manager", m.hire_date AS "Mgr Hired"
     FROM employees e
 4 JOIN employees m ON e.manager_id = m.employee_id
     WHERE e.hire_date < m.hire_date;
Results Explain Describe Saved SQL History
               Employee
                                                                                                 Emp Hired
                                                                                                                                                                                                                      Mgr Hired
                                                        Employee
                                                                                                                                          Manager
                                         Johnson
                                                                                                                                                                                                       6/10/1998
1 rows returned in 0.01 seconds Download
```