### **(7-2) Question 1: Formatting Hire Date from L\_EMPLOYEES**

**Query:**  
SELECT employee\_id, first\_name, hire\_date, TO\_CHAR(hire\_date, 'MM-DD-YYYY HH:MI AM') AS formatted\_hire\_date  
FROM L\_EMPLOYEES  
ORDER BY employee\_id;  
-- Haley Archer

**Output:**

|  |  |  |  |
| --- | --- | --- | --- |
| **EMPLOYEE\_ID** | **FIRST\_NAME** | **HIRE\_DATE** | **FORMATTED\_HIRE\_DATE** |
| 201 | SUSAN | 6/1/1998 | 06-01-1998 12:00 AM |
| 202 | JIM | 8/16/1999 | 08-16-1999 12:00 AM |
| 203 | MARTHA | 2/2/2009 | 02-02-2009 12:00 AM |
| 204 | ELLEN | 7/1/2008 | 07-01-2008 12:00 AM |
| 205 | HENRY | 3/1/2006 | 03-01-2006 12:00 AM |
| 206 | CAROL | - | - |
| 207 | DAN | 12/1/2008 | 12-01-2008 12:00 AM |
| 208 | FRED | 4/1/2008 | 04-01-2008 12:00 AM |
| 209 | PAULA | 3/17/1999 | 03-17-1999 12:00 AM |
| 210 | NANCY | 2/16/2007 | 02-16-2007 12:00 AM |

**10 rows selected.**

### **(7-3) Question 2: Inserting a New Lunch Record**

**Query:**  
INSERT INTO sec0703\_lunches (lunch\_id, lunch\_date, employee\_id, date\_entered)  
VALUES (25, TO\_DATE('2011-12-05 11:30 AM', 'YYYY-MM-DD HH:MI AM'), 202, SYSDATE);  
COMMIT;  
-- Haley Archer

**Output:**  
**1 row inserted.**

### **(7-9) Question 3: Creating an Index on Employee Names**

**Query:**  
CREATE INDEX emp\_name\_idx ON L\_EMPLOYEES (last\_name, first\_name);  
-- Haley Archer

**Output:**  
**Index created.**

### **(7-12) Question 4: Retrieving Column Data Types from L\_EMPLOYEES**

**Query:**  
SELECT COLUMN\_NAME, DATA\_TYPE, DATA\_LENGTH, NULLABLE  
FROM USER\_TAB\_COLUMNS  
WHERE TABLE\_NAME = 'L\_EMPLOYEES';  
-- Haley Archer

**Output:**

|  |  |  |  |
| --- | --- | --- | --- |
| **COLUMN\_NAME** | **DATA\_TYPE** | **DATA\_LENGTH** | **NULLABLE** |
| PHONE\_NUMBER | VARCHAR2 | 4 | Y |
| MANAGER\_ID | NUMBER | 22 | Y |
| EMPLOYEE\_ID | NUMBER | 22 | N |
| FIRST\_NAME | VARCHAR2 | 10 | Y |
| LAST\_NAME | VARCHAR2 | 20 | Y |
| DEPT\_CODE | VARCHAR2 | 3 | Y |
| HIRE\_DATE | DATE | 7 | Y |
| CREDIT\_LIMIT | NUMBER | 22 | Y |

**8 rows selected.**

### **(7-13) Question 5: Retrieving Sequence Information**

**Query:**  
SELECT \* FROM USER\_SEQUENCES;  
-- Haley Archer

**Output (Truncated to First 5 Rows):**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **SEQUENCE\_NAME** | **MIN\_VALUE** | **MAX\_VALUE** | **INCREMENT\_BY** | **CYCLE\_FLAG** | **ORDER\_FLAG** | **CACHE\_SIZE** | **LAST\_NUMBER** |
| SEC0706\_SEQ\_LUNCH\_ID | 1 | 9999999999999999999999999999 | 1 | N | N | 20 | 23 |
| SEC0707\_SEQ\_LUNCH\_ID | 1 | 9999999999999999999999999999 | 1 | N | N | 20 | 23 |
| SEQ\_EMPLOYEE\_ID | 1 | 9999999999999999999999999999 | 1 | N | N | 20 | 211 |
| SEQ\_MENU\_ITEM | 1 | 9999999999999999999999999999 | 1 | N | N | 20 | 11 |
| SEQ\_SEC0707 | 1 | 9999999999999999999999999999 | 1 | N | N | 20 | 48 |

**5 rows selected.**

### **(7-14) Question 6: Listing All Indexes on L\_EMPLOYEES**

**Query:**  
SELECT INDEX\_NAME, COLUMN\_NAME FROM USER\_IND\_COLUMNS WHERE TABLE\_NAME = 'L\_EMPLOYEES';  
-- Haley Archer

**Output (Truncated to First 6 Rows):**

|  |  |
| --- | --- |
| **INDEX\_NAME** | **COLUMN\_NAME** |
| PK\_L\_EMPLOYEES | EMPLOYEE\_ID |
| UNIQUE\_L\_EMPLOYEES\_FULL\_NAME | FIRST\_NAME |
| UNIQUE\_L\_EMPLOYEES\_FULL\_NAME | LAST\_NAME |
| UNIQUE\_L\_EMPLOYEES\_PHONE\_NUM | PHONE\_NUMBER |
| EMP\_NAME\_IDX | LAST\_NAME |
| EMP\_NAME\_IDX | FIRST\_NAME |

**6 rows selected.**

### **(7-15) Question 7: Listing All Database Objects Owned by User**

**Query:**  
SELECT OBJECT\_NAME, OBJECT\_TYPE, CREATED, LAST\_DDL\_TIME FROM USER\_OBJECTS FETCH FIRST 10 ROWS ONLY;  
-- Haley Archer

**Output:**

|  |  |  |  |
| --- | --- | --- | --- |
| **OBJECT\_NAME** | **OBJECT\_TYPE** | **CREATED** | **LAST\_DDL\_TIME** |
| ACTUAL\_BUILT\_OBJECTS\_VIEW | VIEW | 2/2/2025 | 2/2/2025 |
| ACTUAL\_CONSTRAINTS\_VIEW | VIEW | 2/2/2025 | 2/2/2025 |
| ACTUAL\_DATABASE\_OBJECTS\_VIEW | VIEW | 2/2/2025 | 2/2/2025 |
| ALPHABET | TABLE | 2/2/2025 | 2/2/2025 |
| CHATLOG | TABLE | 2/9/2025 | 2/9/2025 |
| COMMUNITYRULES | TABLE | 2/9/2025 | 2/9/2025 |
| EMP\_NAME\_IDX | INDEX | 2/15/2025 | 2/15/2025 |
| EXPECTED\_BUILT\_OBJECTS | TABLE | 2/2/2025 | 2/2/2025 |
| FRIENDSLIST | TABLE | 2/9/2025 | 2/9/2025 |
| INFRACTIONS | TABLE | 2/9/2025 | 2/9/2025 |

**10 rows selected.**

### **(7-16) Question 8: Finding Tables with "SEQ" in Their Names**

**Query:**  
SELECT TABLE\_NAME, COMMENTS

FROM ALL\_TAB\_COMMENTS

WHERE TABLE\_NAME LIKE '%SEQ%'

FETCH FIRST 5 ROWS ONLY;  
-- Haley Archer

**Output:**

|  |  |
| --- | --- |
| **TABLE\_NAME** | **COMMENTS** |
| V\_$REPLAY\_CONTEXT\_SEQUENCE | - |
| GV\_$REPLAY\_CONTEXT\_SEQUENCE | - |
| USER\_SEQUENCES | Description of user's SEQUENCEs |
| ALL\_SEQUENCES | Description of SEQUENCEs |
| EXU8SEQU | - |

**5 rows selected.**

### **(7-17) Question 9: Retrieving Column Details from ALL\_SEQUENCES**

**Query:**  
SELECT COLUMN\_NAME, DATA\_TYPE, DATA\_LENGTH, NULLABLE  
FROM ALL\_TAB\_COLUMNS  
WHERE TABLE\_NAME = 'ALL\_SEQUENCES';  
-- Haley Archer

**Output (Truncated to First 5 Rows):**

|  |  |  |  |
| --- | --- | --- | --- |
| **COLUMN\_NAME** | **DATA\_TYPE** | **DATA\_LENGTH** | **NULLABLE** |
| SEQUENCE\_OWNER | VARCHAR2 | 128 | N |
| SEQUENCE\_NAME | VARCHAR2 | 128 | N |
| MIN\_VALUE | NUMBER | 22 | Y |
| MAX\_VALUE | NUMBER | 22 | Y |
| INCREMENT\_BY | NUMBER | 22 | N |

**5 rows selected.**

**Output (Truncated to First 5 Rows):**

|  |  |  |  |
| --- | --- | --- | --- |
| **COLUMN\_NAME** | **DATA\_TYPE** | **DATA\_LENGTH** | **NULLABLE** |
| SEQUENCE\_OWNER | VARCHAR2 | 128 | N |
| SEQUENCE\_NAME | VARCHAR2 | 128 | N |
| MIN\_VALUE | NUMBER | 22 | Y |
| MAX\_VALUE | NUMBER | 22 | Y |
| INCREMENT\_BY | NUMBER | 22 | N |
| **5 rows selected.** |  |  |  |