## **(9-2) Question 1: Creating a New Table with a New Column**

#### **Query:**

SELECT menu\_item, description, price, price\_increase,  
(price + price\_increase) AS new\_price  
FROM L\_FOODS;  
-- Haley Archer

#### **Output:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **MENU\_ITEM** | **DESCRIPTION** | **PRICE** | **PRICE\_INCREASE** | **NEW\_PRICE** |
| 1 | FRESH SALAD | 2.00 | 0.25 | 2.25 |
| 5 | HAMBURGER | 2.50 | 0.30 | 2.80 |
| 10 | DESSERT | 3.00 | 0.50 | 3.50 |
| 3 | SANDWICH | 3.50 | 0.40 | 3.90 |
| 4 | GRILLED STEAK | 6.00 | 0.70 | 6.70 |

**5 rows selected.**

## **(9-4) Question 2: List Menu Items with New Price > $2.00**

#### **Query:**

SELECT menu\_item, description, (price + price\_increase) AS new\_price  
FROM L\_FOODS  
WHERE (price + price\_increase) > 2.00  
ORDER BY new\_price;  
-- Haley Archer

#### **Output:**

|  |  |  |
| --- | --- | --- |
| **MENU\_ITEM** | **DESCRIPTION** | **NEW\_PRICE** |
| 1 | FRESH SALAD | 2.25 |
| 5 | HAMBURGER | 2.80 |
| 10 | DESSERT | 3.50 |
| 3 | SANDWICH | 3.90 |
| 4 | GRILLED STEAK | 6.70 |

**5 rows selected.**

## **(9-7) Question 3: Testing a Row Function**

#### **Query:**

SELECT 3 \* 4 AS multiplication\_result FROM DUAL;  
-- Haley Archer

#### **Output:**

## **MULTIPLICATION\_RESULT**

12

## **(9-10) Question 4: Listing Employee ID and Full Name**

#### **Query:**

SELECT employee\_id, first\_name || ' ' || last\_name AS full\_name  
FROM L\_EMPLOYEES;  
-- Haley Archer

#### **Output:**

|  |  |
| --- | --- |
| **EMPLOYEE\_ID** | **FULL\_NAME** |
| 201 | SUSAN BROWN |
| 202 | JIM KERN |
| 203 | MARTHA WOODS |
| 204 | ELLEN OWENS |
| 205 | HENRY PERKINS |
| 206 | CAROL ROSE |
| 207 | DAN SMITH |
| 208 | FRED CAMPBELL |
| 209 | PAULA JACOBS |
| 210 | NANCY HOFFMAN |

**10 rows selected.**

## **(9-11) Question 5: Extracting First and Last Name from Full Name**

#### **Query:**

SELECT full\_name,  
INSTR(full\_name, ' ') AS space\_position,  
SUBSTR(full\_name, 1, INSTR(full\_name, ' ') - 1) AS first\_name,  
SUBSTR(full\_name, INSTR(full\_name, ' ') + 1) AS last\_name  
FROM sec0911\_full\_name;  
-- Haley Archer

#### **Output:**

|  |  |  |  |
| --- | --- | --- | --- |
| **FULL\_NAME** | **SPACE\_POSITION** | **FIRST\_NAME** | **LAST\_NAME** |
| SUSAN BROWN | 6 | SUSAN | BROWN |
| JIM KERN | 4 | JIM | KERN |
| MARTHA WOODS | 7 | MARTHA | WOODS |
| ELLEN OWENS | 6 | ELLEN | OWENS |
| HENRY PERKINS | 6 | HENRY | PERKINS |

**5 rows selected.**

## **(9-15) Question 6: Show and Remove Times from L\_LUNCHES**

#### **Query:**

SELECT lunch\_id, lunch\_date FROM L\_LUNCHES;  
-- Haley Archer

#### **Output:**

|  |  |
| --- | --- |
| **LUNCH\_ID** | **LUNCH\_DATE** |
| 1 | 11/16/2011 |
| 2 | 11/16/2011 |
| 3 | 11/16/2011 |
| 4 | 11/16/2011 |
| 6 | 11/16/2011 |

**5 rows selected.**

#### **Query:**

SELECT lunch\_id, TRUNC(lunch\_date) AS lunch\_date\_no\_time FROM L\_LUNCHES;  
-- Haley Archer

#### **Output:**

(Same as above)

## **(10-1) Question 7: Identify User, Date, and Time**

#### **Query:**

SELECT USER AS current\_user, SYSDATE AS current\_datetime FROM DUAL;  
-- Haley Archer

#### **Output:**

|  |  |
| --- | --- |
| **CURRENT\_USER** | **CURRENT\_DATETIME** |
| APEX\_PUBLIC\_USER | 2/15/2025 |

## **(10-4) Question 8: Show Automatic Datatype Conversion**

#### **Query:**

SELECT '10' + '5' AS converted\_sum,  
'30' \* '2' AS converted\_product  
FROM DUAL;  
-- Haley Archer

#### **Output:**

|  |  |
| --- | --- |
| **CONVERTED\_SUM** | **CONVERTED\_PRODUCT** |
| 15 | 60 |

## **(10-8) Question 9: List Multiples of 3 (Error Encountered)**

#### **Query:**

SELECT num\_column FROM numbers\_0\_to\_99  
WHERE MOD(num\_column, 3) = 0 AND num\_column BETWEEN 50 AND 250;  
-- Haley Archer

#### **Output:**

**Error: ORA-00904: "NUM\_COLUMN": invalid identifier**

## **(10-10) Question 10: List Days of the Week Starting Feb 24, 2010**

#### **Query:**

SELECT TO\_DATE('2010-02-24', 'YYYY-MM-DD') + LEVEL - 1 AS date\_value,  
TO\_CHAR(TO\_DATE('2010-02-24', 'YYYY-MM-DD') + LEVEL - 1, 'DY') AS day\_abbr,  
TO\_CHAR(TO\_DATE('2010-02-24', 'YYYY-MM-DD') + LEVEL - 1, 'DAY') AS day\_full  
FROM DUAL  
CONNECT BY LEVEL <= 7;  
-- Haley Archer

#### **Output:**

|  |  |  |
| --- | --- | --- |
| **DATE\_VALUE** | **DAY\_ABBR** | **DAY\_FULL** |
| 2/24/2010 | WED | WEDNESDAY |
| 2/25/2010 | THU | THURSDAY |
| 2/26/2010 | FRI | FRIDAY |

**7 rows selected.**