

Task 1: Creating a Simple View

Question:

Create a simple view named vw_employee_details that displays the first name, last name, and department name of employees.

Answer:

```
CREATE VIEW vw_employee_details AS
SELECT e.fname, e.lname, d.dname
FROM employees e
JOIN departments d
ON e.department_id = d.department_id;
```

Task 2: Modifying a View

Question:

Modify the existing view vw_work_hrs to only include employees working in department number 5.

Answer:

```
CREATE OR REPLACE VIEW vw_work_hrs AS
SELECT fname, lname, pname, hours
FROM employees
WHERE department_id = 5;
```

Task 3: Creating Views with Check Option

Question:

Create a view named vw_high_status_suppliers to display all suppliers with a status greater than 15, and ensure that any updates or inserts through the view still meet the status condition.

Answer:

```
CREATE VIEW vw_high_status_suppliers AS  
SELECT *  
FROM suppliers  
WHERE status > 15  
WITH CHECK OPTION;
```