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.

Instructions:

1. Use the `CREATE VIEW` statement to define a new view.
2. Select the columns `fname`, `lname`, and `dname` (department name) from the appropriate tables.
3. Use `JOIN` to connect the `employees` and `departments` tables using the department ID.

Task 2: Modifying a View

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

Instructions:

1. Use the `CREATE OR REPLACE VIEW` statement to update the view.
2. Filter the results using the `WHERE` clause to include only employees with department number 5.
3. Ensure that the columns selected are `fname`, `lname`, `pname`, and `hours`.

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.

Instructions:

1. Use the `CREATE VIEW` statement to define the view.
2. Include the `WITH CHECK OPTION` to enforce that all modifications through the view adhere to the condition that status must be greater than 15.
3. Use a `SELECT` statement to pull all columns from the `suppliers` table.