**SQL Query Tests**

1. **This query selects all fields for a specific student and supervisor, odhr, and college records:**

SELECT \*

FROM student s

JOIN supervisor sv ON s.id = sv.student\_id

JOIN odhr o ON s.id = o.student\_id

JOIN college c ON s.id = c.student\_id

WHERE s.id = 1; -- replace 1 with the id of the student you want to fetch

1. **This query selects all fields for a specific student and related supervisor, odhr, and employer records:**

SELECT \*

FROM student s

JOIN supervisor sv ON s.id = sv.student\_id

JOIN odhr o ON s.id = o.student\_id

JOIN employer e ON s.id = e.student\_id

WHERE s.id = 1; -- replace 1 with the id of the student you want to fetch

1. **This query selects all completed students along with their supervisor, odhr, and college details:**

SELECT \*

FROM student s

JOIN supervisor sv ON s.id = sv.student\_id

JOIN odhr o ON s.id = o.student\_id

JOIN college c ON s.id = c.student\_id

WHERE s.student\_status = 'COMPLETED';

1. **This query selects all completed students along with their supervisor, odhr, and employer details:**

SELECT \*

FROM student s

JOIN supervisor sv ON s.id = sv.student\_id

JOIN odhr o ON s.id = o.student\_id

JOIN employer e ON s.id = e.student\_id

WHERE s.student\_status = 'COMPLETED';

1. **This query lists all the students who started on a specific date along with their supervisor, odhr, and college details:**

SELECT \*

FROM student s

JOIN supervisor sv ON s.id = sv.student\_id

JOIN odhr o ON s.id = o.student\_id

JOIN college c ON s.id = c.student\_id

WHERE s.student\_start\_date = '2023-06-01'; -- replace with the date you want to fetch

1. **This query selects all students who completed their form, along with the time they completed them:**

SELECT s.id, s.student\_name, s.student\_status, s.student\_completed\_time

FROM student s

WHERE s.student\_status = 'COMPLETED';

1. **This query lists all students and their supervisor information:**

SELECT \*

FROM student s

JOIN supervisor sv ON s.id = sv.student\_id;

1. **This query lists all the students and their employer details:**

SELECT \*

FROM student s

JOIN employer e ON s.id = e.student\_id;

1. **This query lists all the students and their college details:**

SELECT \*

FROM student s

JOIN college c ON s.id = c.student\_id;

1. **This query gets the number of students per department who have completed their form:**

SELECT s.student\_department, COUNT(\*) as student\_count

FROM student s

WHERE s.student\_status = 'COMPLETED'

GROUP BY s.student\_department;

1. Select all fields for a student whose form is completely filled out (all sections marked as 'COMPLETED'):

SELECT \*

FROM student s

JOIN supervisor sv ON s.id = sv.student\_id AND sv.supervisor\_status = 'COMPLETED'

JOIN odhr o ON s.id = o.student\_id AND o.odhr\_status = 'COMPLETED'

JOIN college c ON s.id = c.student\_id AND c.college\_status = 'COMPLETED'

WHERE s.id = 1 AND s.student\_status = 'COMPLETED';

1. **Select all fields for a student whose form is completely filled out, including the employer section:**

SELECT \*

FROM student s

JOIN supervisor sv ON s.id = sv.student\_id AND sv.supervisor\_status = 'COMPLETED'

JOIN odhr o ON s.id = o.student\_id AND o.odhr\_status = 'COMPLETED'

JOIN employer e ON s.id = e.student\_id AND e.employer\_status = 'COMPLETED'

WHERE s.id = 1 AND s.student\_status = 'COMPLETED';

1. **Select all students whose form is completely filled out, along with their supervisor, odhr and college details:**

SELECT \*

FROM student s

JOIN supervisor sv ON s.id = sv.student\_id AND sv.supervisor\_status = 'COMPLETED'

JOIN odhr o ON s.id = o.student\_id AND o.odhr\_status = 'COMPLETED'

JOIN college c ON s.id = c.student\_id AND c.college\_status = 'COMPLETED'

WHERE s.student\_status = 'COMPLETED';

1. **Select all students whose form is completely filled out, including the employer section:**

SELECT \*

FROM student s

JOIN supervisor sv ON s.id = sv.student\_id AND sv.supervisor\_status = 'COMPLETED'

JOIN odhr o ON s.id = o.student\_id AND o.odhr\_status = 'COMPLETED'

JOIN employer e ON s.id = e.student\_id AND e.employer\_status = 'COMPLETED'

WHERE s.student\_status = 'COMPLETED';

1. **Count how many forms are completely filled out, including the college section:**

SELECT COUNT(\*) as completed\_forms\_count

FROM student s

JOIN supervisor sv ON s.id = sv.student\_id AND sv.supervisor\_status = 'COMPLETED'

JOIN odhr o ON s.id = o.student\_id AND o.odhr\_status = 'COMPLETED'

JOIN college c ON s.id = c.student\_id AND c.college\_status = 'COMPLETED'

WHERE s.student\_status = 'COMPLETED';

1. **Count how many forms are completely filled out, including the employer section:**

SELECT COUNT(\*) as completed\_forms\_count

FROM student s

JOIN supervisor sv ON s.id = sv.student\_id AND sv.supervisor\_status = 'COMPLETED'

JOIN odhr o ON s.id = o.student\_id AND o.odhr\_status = 'COMPLETED'

JOIN employer e ON s.id = e.student\_id AND e.employer\_status = 'COMPLETED'

WHERE s.student\_status = 'COMPLETED';

1. **Select the last completed form:**

SELECT \*

FROM student s

JOIN supervisor sv ON s.id = sv.student\_id AND sv.supervisor\_status = 'COMPLETED'

JOIN odhr o ON s.id = o.student\_id AND o.odhr\_status = 'COMPLETED'

JOIN college c ON s.id = c.student\_id AND c.college\_status = 'COMPLETED'

WHERE s.student\_status = 'COMPLETED'

ORDER BY s.student\_completed\_time DESC

LIMIT