**Module-4**

**Introduction To oops programming**

* **Write SQL query to solve the problem given below.**

**Ans:**

CREATE TABLE Nobel\_win (

year INT,

subject VARCHAR(50),

winner VARCHAR(100),

country VARCHAR(50),

category VARCHAR(50)

);

1. Nobel Prize winners of the year 1970 (Return year, subject, winner).

Ans:

SELECT year, subject, winner

FROM Nobel\_win

WHERE year = 1970;

1. Nobel Prize winners in Chemistry between 1965 and 1975 (inclusive) (Return year, subject, winner, country)

Ans:

SELECT year, subject, winner, country

FROM Nobel\_win

WHERE subject = 'Chemistry'

AND year BETWEEN 1965 AND 1975;

3. Winners whose first name is Louis (Return year, subject, winner, country)

Ans:

SELECT year, subject, winner, country

FROM Nobel\_win

WHERE winner LIKE 'Louis%';

4. Winners for subjects not beginning with ‘P’

Order by year descending and winner ascending

Ans:

SELECT year, subject, winner

FROM Nobel\_win

WHERE subject NOT LIKE 'P%'

ORDER BY year DESC, winner ASC;

5. Nobel Prize winners in 1970, ordered by subject ascending,

except Chemistry and Economics come last.  
(Return year, subject, winner, country, category)

Ans:

SELECT year, subject, winner, country, category

FROM Nobel\_win

WHERE year = 1970

ORDER BY

CASE

WHEN subject IN ('Chemistry', 'Economics') THEN 2

ELSE 1

END,

subject ASC;