

- Write SQL query to solve the problem given below

TABLE STRUCTURE (Reference)

```
CREATE TABLE Nobel_win (
    year INT,
    subject VARCHAR(100),
    winner VARCHAR(255),
    country VARCHAR(100),
    category VARCHAR(100)
);



| year | subject   | winner             | country | category  |
|------|-----------|--------------------|---------|-----------|
| 1970 | Chemistry | Luis Leloir        | France  | Science   |
| 1970 | Physics   | Hannes Alfven      | Sweden  | Science   |
| 1970 | Medicine  | Bernard Katz       | Germany | Science   |
| 1970 | Economics | Paul Samuelson     | USA     | Economics |
| 1967 | Chemistry | Manfred Eigen      | Germany | Science   |
| 1972 | Chemistry | Christian Anfinsen | USA     | Science   |
| 1975 | Chemistry | John Cornforth     | UK      | Science   |
| 1947 | Medicine  | Louis Néel         | France  | Science   |
| 1968 | Peace     | René Cassin        | France  | Peace     |


```

2. Find Nobel prize winners of the year 1970 (Return year, subject, winner)

```
SELECT year, subject, winner
FROM Nobel_win
WHERE year = 1970;
```

year	subject	winner
1970	Chemistry	Luis Leloir
1970	Physics	Hannes Alfven
1970	Medicine	Bernard Katz
1970	Economics	Paul Samuelson

3. Find Nobel prize winners in Chemistry between 1965 and 1975 (inclusive)

(Return year, subject, winner, country)

```
SELECT year, subject, winner, country  
FROM Nobel_win  
WHERE subject = 'Chemistry'  
AND year BETWEEN 1965 AND 1975;
```

year	subject	winner	country
1967	Chemistry	Manfred Eigen	Germany
1970	Chemistry	Luis Leloir	France
1972	Chemistry	Christian Anfinsen	USA
1975	Chemistry	John Cornforth	UK

4. Retrieve details of winners whose first name matches 'Louis'

(Return year, subject, winner, country)

```
SELECT year, subject, winner, country  
FROM Nobel_win  
WHERE winner LIKE 'Louis%';
```

year	subject	winner	country
1947	Medicine	Louis Néel	France

5. Find Nobel winners for subjects that do NOT begin with 'P'

Order by **year DESC, winner ASC**

```
SELECT year, subject, winner  
FROM Nobel_win  
WHERE subject NOT LIKE 'P%'  
ORDER BY year DESC, winner ASC;
```

year	subject	winner
1975	Chemistry	John Cornforth
1972	Chemistry	Christian Anfinsen
1970	Medicine	Bernard Katz
1967	Chemistry	Manfred Eigen