● Write SQL query to solve the problem given below

Consider a scenario in which you have to create a table called Nobel\_win where you have given the information about the entity who has achieved nobel prize in a particular subject all over the world. Over here the table Nobel\_win will contain attributes like year, subject, winner, country and category

CREATE TABLE Nobel\_win (

year INT,

subject VARCHAR(100),

winner VARCHAR(100),

country VARCHAR(100),

category VARCHAR(100)

);

You need to use the sql commands to create the table given and to solve the problem given below.

INSERT INTO nobel\_win (year, subject, winner, country, category) VALUES

(1970, 'Physics', 'Hannes Alfven', 'Sweden', 'Scientist'),

(1970, 'Physics', 'Louis Neel', 'France', 'Scientist'),

(1970, 'Chemistry', 'Luis Federico Leloir', 'France', 'Scientist'),

(1970, 'Physiology', 'Ulf von Euler', 'Sweden', 'Scientist'),

(1970, 'Physiology', 'Bernard Katz', 'Germany', 'Scientist'),

(1970, 'Literature', 'Aleksandr Solzhenitsyn', 'Russia', 'Linguist'),

(1970, 'Economics', 'Paul Samuelson', 'USA', 'Economist'),

(1970, 'Physiology', 'Julius Axelrod', 'USA', 'Scientist'),

(1971, 'Physics', 'Dennis Gabor', 'Hungary', 'Scientist'),

(1971, 'Chemistry', 'Gerhard Herzberg', 'Germany', 'Scientist'),

(1971, 'Peace', 'Willy Brandt', 'Germany', 'Chancellor'),

(1971, 'Literature', 'Pablo Neruda', 'Chile', 'Linguist'),

(1971, 'Economics', 'Simon Kuznets', 'Russia', 'Economist'),

(1978, 'Peace', 'Anwar al-Sadat', 'Egypt', 'President'),

(1978, 'Peace', 'Menachem Begin', 'Israel', 'Prime Minister'),

(1987, 'Chemistry', 'Donald J. Cram', 'USA', 'Scientist'),

(1987, 'Chemistry', 'Jean-Marie Lehn', 'France', 'Scientist'),

(1987, 'Physiology', 'Susumu Tonegawa', 'Japan', 'Scientist'),

(1994, 'Economics', 'Reinhard Selten', 'Germany', 'Economist'),

(1994, 'Peace', 'Yitzhak Rabin', 'Israel', 'Prime Minister'),

(1987, 'Physics', 'Johannes Georg Bednorz', 'Germany', 'Scientist'),

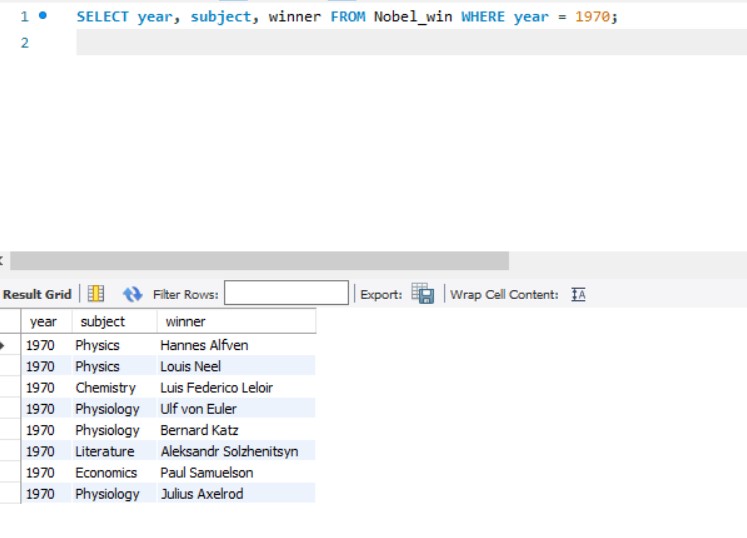
(1987, 'Literature', 'Joseph Brodsky', 'Russia', 'Linguist'),

(1987, 'Economics', 'Robert Solow', 'USA', 'Economist'),

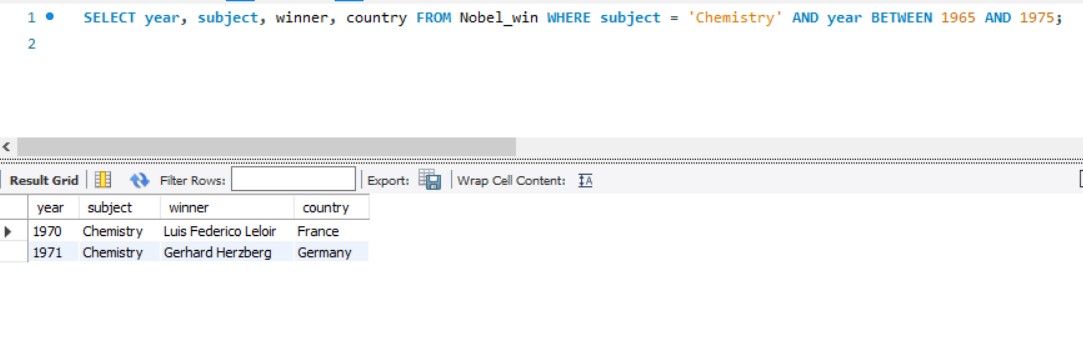
(1994, 'Literature', 'Kenzaburo Oe', 'Japan', 'Linguist');

Now make sure to solve the following query :

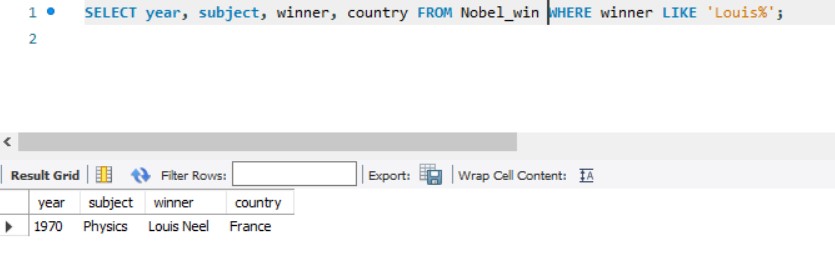
1) Write sql query to find the nobel prize winners of the year 1970. Return year,subject and winner



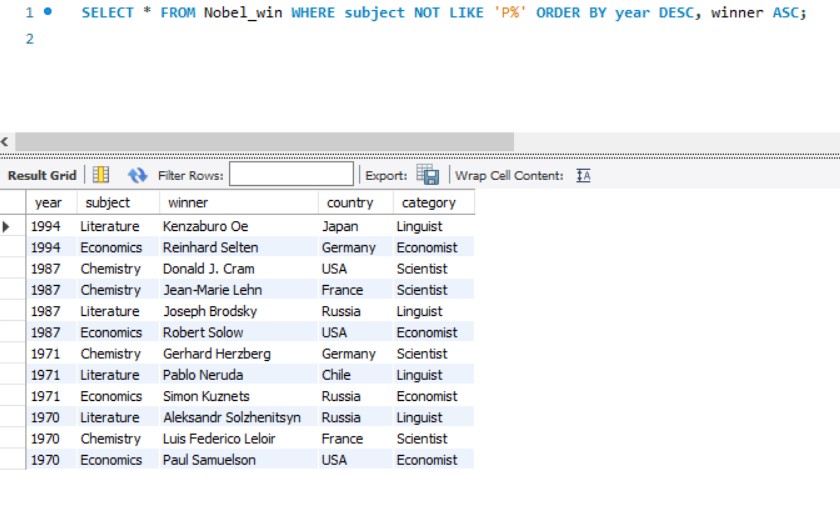
2) Write sql query to find the nobel prize winners in chemistry between the years 1965 and 1975. Begin and end values are includedReturn year, subject, winner and country



3) Write sql query to retrieve the details of the winners whose first name matches with the string ‘Louis’. Return year,subject,winner,country



4) Write sql query to find Nobel prize winners for the subject that does not begin with the letter ‘P’. Order the result by year, descending and winner in ascending



5) Write sql query to find the details of 1970 Nobel prize winners. Order the result by subject, ascending except for ‘Chemistry’ and ‘Economics’ which will come at the end of the result set. Return year, subject, winner , country and category.

