

Assignment – 1

Solve the following queries

1. Create the following table and insert following values in to the table

Table Name : nobel_win

YEAR	SUBJECT	WINNER	COUNTRY	CATEGORY
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	Chemistry	Gernard 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

2. Write a SQL query to display the Nobel prizes for 1970.
3. Write a SQL query to know the winner of the 1971 prize for Literature.
4. Write a SQL query to display the year and subject that won 'Dennis Gabor' his prize.
5. Write a SQL query to give the name of the 'Physics' winners since the year 1950.
6. Write a SQL query to Show all the details (year, subject, winner, country) of the Chemistry prize winners between the year 1965 to 1975 inclusive.
7. Write a SQL query to show all details of the Prime Ministerial winners after 1972 of Menachem Begin and Yitzhak Rabin.
8. Write a SQL query to show all the details of the winners with first name Louis.
9. Write a SQL query to show all the winners in Physics for 1970 together with the winner of Economics for 1971.
10. Write a SQL query to show all the winners of nobel prize in the year 1970 except the subject Physiology and Economics.

- 11.** Write a SQL query to show the winners of a 'Physiology' prize in an early year before 1971 together with winners of a 'Peace' prize in a later year on and after the 1974.
- 12.** Write a SQL query to find all details of the prize won by Johannes Georg Bednorz.
- 13.** Write a SQL query to find all the details of the nobel winners for the subject not started with the letter 'P' and arranged the list as the most recent comes first, then by name in order.
- 14.** Write a SQL query to find all the details of 1970 winners by the ordered to subject and winner name; but the list contain the subject Economics and Chemistry at last.