**Dataset: Cirrhosis**

**Attribute information:**  
1) ID: unique identifier  
2) N\_Days: number of days between registration and the earlier of death, transplantation, or study analysis time in July 1986  
3) Status: status of the patient C (censored), CL (censored due to liver tx), or D (death)  
4) Drug: type of drug D-penicillamine or placebo  
5) Age: age in [days]  
6) Sex: M (male) or F (female)  
7) Ascites: presence of ascites N (No) or Y (Yes)  
8) Hepatomegaly: presence of hepatomegaly N (No) or Y (Yes)  
9) Spiders: presence of spiders N (No) or Y (Yes)  
10) Edema: presence of edema N (no edema and no diuretic therapy for edema), S (edema present without diuretics, or edema resolved by diuretics), or Y (edema despite diuretic therapy)  
11) Bilirubin: serum bilirubin in [mg/dl]  
12) Cholesterol: serum cholesterol in [mg/dl]  
13) Albumin: albumin in [gm/dl]  
14) Copper: urine copper in [ug/day]  
15) Alk\_Phos: alkaline phosphatase in [U/liter]  
16) SGOT: SGOT in [U/ml]  
17) Triglycerides: triglicerides in [mg/dl]  
18) Platelets: platelets per cubic [ml/1000]  
19) Prothrombin: prothrombin time in seconds [s]  
20) Stage: histologic stage of disease (1, 2, 3, or 4)

**Write SQL Queries:**

1. Retrieve all the columns for patients who were censored (Status = 'C').

2. Calculate the average age of male patients.

3. Count the number of patients with ascites and hepatomegaly.

4. Find the maximum bilirubin level recorded in the dataset.

5. Calculate the average cholesterol level for patients who received D-penicillamine.

6. Retrieve the ID and N\_Days for patients with edema despite diuretic therapy (Edema = 'Y').

7. Find the number of male and female patients in each stage of the disease.

8. Calculate the average prothrombin time for patients who died (Status = 'D').

9. Retrieve the ID and Status for patients who had spiders (Spiders = 'Y') and hepatomegaly (Hepatomegaly = 'Y').

10. Find the minimum and maximum platelet counts recorded in the dataset.

11. Retrieve the ID and N\_Days for patients who died (Status = 'D').

12. Calculate the maximum and minimum Triglycerides levels in the dataset.

13. Find the average Albumin level for each histologic stage of the disease.

14. Calculate the total number of male and female patients in the dataset.

15. Find the average Platelets count for patients with and without ascites.

16. Retrieve the ID, Age, and Status of patients whose age is greater than 50 and have hepatomegaly.

17. Retrieve the ID and Drug of patients who were prescribed a drug containing the term "penicillamine" in its name.

18. Retrieve the ID, Age, and Bilirubin levels of patients, ordered by increasing age.

19. Retrieve the ID, N\_Days, and Status of patients, ordered by descending N\_Days.

20. Retrieve the ID, Age, and Cholesterol levels of patients younger than 50 years old, ordered by increasing Cholesterol levels.

DRAFT  
Task : Kindly share the queries as a **Text Format Document (.txt)**