Question 1: Write a program to find whether a given number is a **perfect number** or not.

A **perfect number** is a positive number that is equal to the sum of all its divisors (excluding itself).

Example:

Input: 28

Divisors: [1, 2, 4, 7, 14]

Sum: 1 + 2 + 4 + 7 + 14 = 28

Output: 28 is a perfect number.

Question 2: Consider the MySQL tables given below.

EmployeeInfo Table:

EmpID	EmpFname	EmpLname	Department	Project	Address	DOB	Gender
1	Sanjay	Mehra	HR	P1	Hyderabad (HYD)	01/12/1976	M
2	Ananya	Mishra	Admin	P2	Delhi(DEL)	02/05/1968	F
3	Rohan	Diwan	Account	P3	Mumbai(BOM)	01/01/1980	M
4	Sonia	Kulkarni	HR	P1	Hyderabad (HYD)	02/05/1992	F
5	Ankit	Kapoor	Admin	P2	Delhi(DEL)	03/07/1994	M

EmployeePosition Table:

EmpID	EmpPosition	DateOfJoining	Salary
1	Manager	01/05/2022	500000
2	Executive	02/05/2022	75000
3	Manager	01/05/2022	90000
2	Lead	02/05/2022	85000
1	Executive	01/05/2022	300000

Based the table write queries

1) Write queries to create the tables given above and add data in to the table as given above.

2) Get the list of Employees with their first name, last name, department and position.

3) Get list of all projects and count of employees working in each project.

4) Get list of all positions and count of employees working in each position.

5) Find the employees getting the maximum and minimum salary.

You can use the below editor or any editor of your choice for running SQL queries

https://www.programiz.com/sql/online-compiler/