Day 2

Problem Statement:

If the End_Date of the tasks are consecutive, then they are part of the same project. Ivy is interested in finding the total number of different projects completed.

- Write a query to output the start and end dates of projects listed by the number of days it took to complete the project in ascending order.
- If there is more than one project that have the same number of completion days, then order by the start date of the project.

Solution Code:

SELECT Start_Date, MIN(End_Date) as End_Date FROM

(SELECT Start_Date FROM time_sample WHERE Start_Date NOT IN (SELECT End_Date FROM time_sample)) AS T1,

(SELECT End_Date FROM time_sample WHERE End_Date NOT IN (SELECT Start_Date FROM time_sample)) AS T2

WHERE Start_Date < End_Date

GROUP BY Start_Date

ORDER BY DATEDIFF(MIN(End_Date), Start_Date), Start_Date;

Screenshot of the Code:

