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UID: 22MCC20039   Subject Code: 22CAP-647

Aim: You are given a table, Projects, containing three columns: Task-ID, Start_Date, End_Date. It is guaranteed that the difference between the End_date and Start_Date is equal to 1 day for each row in table.
If the end_date of the tasks are consecutive, then they are part of the same project. Samaqnt is interested in finding the total no. 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 same number of completion days, then order by the start date of the project

le: Create table Projects (Task_id int, Start_date
End_date date);
insert into Projects values (1001, "04-11-2022", "06-
(1002, "05-11-2022", "06-11-2022"),

(1003, "08-11-2022", "09-11-2022"), (1004, "10-11-2022", "14-11-2022"), (1005, "11-11-2022", "15-11-2022"), (1006, "14-11-2022", "16-11-2022");

Query

```
select Projects. Start_date, Projects. End_date,
(Enddate - Start_date) as No_of_Days
from Projects
order by Start_date asc
```

Table Projects

Task_id	Start_date	End_date
1001	04-11-2022	06-11-2022
1002	05-11-2022	06-11-2022
1003	08-11-2022	09-11-2022
1004	10-11-2022	14-11-2022
1005	11-11-2022	15-11-2022
1006	14-11-2022	16-11-2022

Output:

Start_date	End_date	No_of_Days
04-11-2022	06-11-2022	2
05-11-2022	06-11-2022	1
08-11-2022	09-11-2022	1
10-11-2022	14-11-2022	4
11-11-2022	15-11-2022	4
14-11-2022	16-11-2022	2