Instructions

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i. Write command and execute and paste screen shots and make a pdf. You need to show screen shot to demonstrate the correctness of your code/query.

ii. Submit one file .pdf file containing all answers. The name should be <roll_no>_assignment<number>.pdf

iii. Write the questions before the answers.

iv. Write a justification of your solution.

v. The code should be executable and show output.

Vi. Use University Database to do the following tasks

A. **Create a variable avg_cred to store the average of total credits of students. Show names of the students with total credit more than twice the average of total credits using variable avg_cred.[1]**

B. **show the details of the departments which have budgets more than the average budget across all departments. First show it without defining any function, then show it by defining a function avg_budget that return average budget across all departments.[1]**

C. **Create a procedure top_budg that when called will accept a number N and return budgets of top N departments. Use N=3 and N=5 to verify your procedure.[1]**

D. **Create a procedure which will be used by a system admin whenever a new student joins. The procedure will create a view such that, each student can see details of all students except their total credit, but the student can see all information about him/her. Demonstrate this procedure with examples[atleast 2 examples].[2]**