CS3563 ASSIGNMENT 1

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Output tables pgadmin

	dept_name [PK] character varying (20)	building character varying (15)	budget numeric (12,2)
1	Civil Eng.	Chandler	255041.46
2	Biology	Candlestick	647610.55
3	History	Taylor	699140.86
4	Physics	Wrigley	942162.76
5	Marketing	Lambeau	210627.58
6	Pol. Sci.	Whitman	573745.09
7	English	Palmer	611042.66
8	Accounting	Saucon	441840.92
9	Comp. Sci.	Lamberton	106378.69
10	Languages	Linderman	601283.6
11	Finance	Candlestick	866831.75
12	Geology	Palmer	406557.93
13	Cybernetics	Mercer	794541.46
14	Astronomy	Taylor	617253.94
15	Athletics	Bronfman	734550.7
16	Statistics	Taylor	395051.74
17	Psychology	Thompson	848175.04
18	Math	Brodhead	777605.11
19	Elec. Eng.	Main	276527.61
20	Mech. Eng.	Rauch	520350.65

Figure 1: department table.

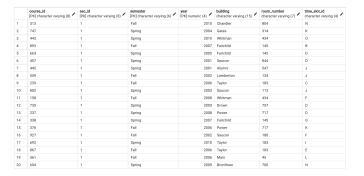


Figure 2: section table.

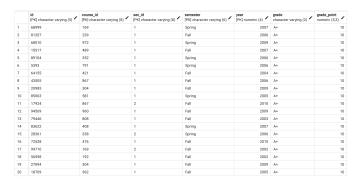


Figure 3: takes table.



Figure 4: 276 prerequisites



Figure 5: 496 prerequisites

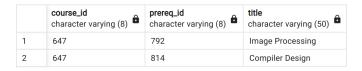


Figure 6: 647 prerequisites

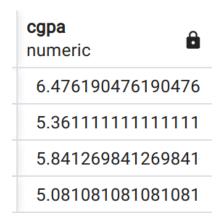


Figure 7: List of cgpa's in order 81258, 4582, 90567, 76672



Figure 8: overall toppers



Figure 9: Toppers from Psychology department



Figure 10: Toppers from Electrical department



Figure 11: Toppers from civil department



Figure 12: Toppers of course 237



Figure 13: Toppers of course 349

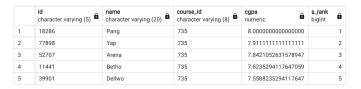


Figure 14: Toppers of course 735

Terminal Outputs



Figure 15: department table.

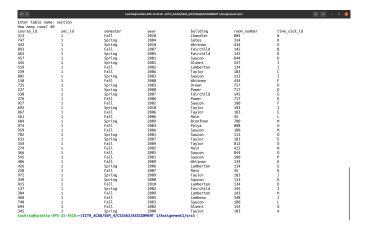


Figure 16: section table.

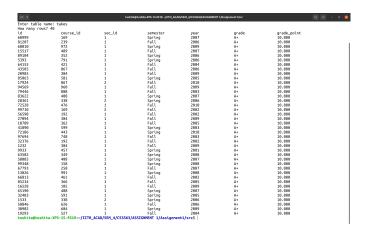


Figure 17: takes table.



Figure 18: Prerequisites of the given courses



Figure 19: cgpa's of the given id's

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Figure 20: Overall Toppers

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Rober of test coses: 4
Rober of test coses
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Figure 21: department wise toppers

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Figure 22: course wise toppers

Note:

In the takes table, the output table has an extra column called grade_point. It is a column I created for convenient aggregation of grades to find cgpa of each student.