



Instructor table:

<i>ID</i>	<i>name</i>	<i>Dept_name</i>	<i>salary</i>
22222	Einstein	Physics	95000
33333	Korth	Computer Science	75000
45454	Mozart	Music	60000
55555	Navathe	Computer Science	100000

Department table:

<i>dept_name</i>	<i>building</i>	<i>budget</i>
Physics	AB-I	100000
Computer Science	AB-II	150000
Maths	AB-III	80000

Section table:



<i>course_id</i>	<i>sec_id</i>	<i>semester</i>	<i>year</i>	<i>building</i>	<i>room_number</i>
CS-2201	CS-21	1	E2	AB-II	112
Ph-101	PUC-11	1	P1	AB-I	111
MA-201	CS-21	1	E2	AB-II	112
CS-3201	CS-31	1	E3	AB-II	101

Teaches table:

<i>ID</i>	<i>course_id</i>	<i>sec_id</i>	<i>semester</i>	<i>year</i>
22222	CS-2201	CS-21	1	E2
22222	CS-3201	CS-31	1	E3
45454	MA-201	CS-21	1	E2

Student table:

<i>ID</i>	<i>name</i>	<i>dept_name</i>	<i>tot_cred</i>
1000	Kshitiz	Computer Science	80
1001	Mike	Computer Science	70
2000	Virtuos	Maths	60

Takes table:

<i>ID</i>	<i>course_id</i>	<i>sec_id</i>	<i>semester</i>	<i>Year</i>	<i>grade</i>
1000	CS2201	CS-21	1	E2	A
1001	CS3201	CS-31	1	E3	A
1000	MA-201	CS-21	1	E2	B
1001	CS2201	CS-21	1	E2	A

Course table:

<i>course_id</i>	<i>title</i>	<i>dept_name</i>	<i>credits</i>
CS-2201	DBMS	Computer Science	4
CS-3201	OS	Computer Science	4
MA-201	PS	Maths	3
Ph-101	Physics-1	Physics	3

Classroom table:

<i>building</i>	<i>room_no</i>	<i>capacity</i>
AB-II	112	100
AB-I	111	80



AB-II	101	70
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1. Find the names of the instructors(other than computer science) whose salary is greater than at least one instructor in the computer science department
2. Increase the salary of instructors by 3% whose salary is less than average salary of their departments.
3. Display the course titles and instructor names taken by the student named 'kshitiz'
4. Display the course titles and department name conducted in building 'AB-II' class room '112'
5. Display the student name who have taken all the courses in Computer Science department
6. Display the highest credit subjects in each year-semester
7. Display ids and titles of courses which are offered in computer science department in either semester1 or semester 2 of 'E2'
8. Find the number of students who have taken course sections taught by instructor 'Korth'
9. Display the details of the students who got 'A' grade in all the courses he has taken

