

## SQL Practice Queries:

1. Find id, name and total credits completed of 'Comp. Sci.' department students.

```
SELECT id, name, tot_cred
```

```
From Student
```

```
WHERE dept_name = 'Comp. Sci.';
```

2. Show name and salary of all instructors.
3. Show name and salary of instructors from 'Comp. Sci.' department.
4. Show id and name of instructors who have salary more than 60000 but less than 80000.
5. Show id, name of students who are not from 'Comp. Sci.' department.
6. The annual budget of Comp. Sci. department is updated to 200,000. Write SQL to do this update.
7. The salary of instructor 'Einstein' has been increased by 20%. Write SQL to update this.
8. The salary of instructors who get less than 100000 will be increased by 10% and the salary of instructors who get more than or equal to 100000 will be increased by 5%. Write SQL to do this.
9. Increase the budget of 'Comp. Sci.', 'Elec. Eng.' And 'Physics' department by 50% and the rest of the department's budget will be reduced by 20%.

10. Delete all students of History department.
11. Delete students who are not from 'Comp. Sci.', 'Elec. Eng.', 'Physics', 'Law' department.
12. Find name and department name of instructors whose name starts with 'E'.
13. Find name and department name of instructors whose name ends with 't'.
14. Find course title which contains 'Intro' as a substring.
15. Find name of instructors with exactly four letters.