




You are working as a backend developer on an application that handles the HR data. The database you are working with contains two tables: Departments and Employees. Their structure and sample data are given below.


**DEPARTMENTS** table:

Name	Data type	Primary Key	Foreign key
DEPT_ID	INTEGER		
DEPT_NAME	VARCHAR (50)		

DEPT_ID	DEPT_NAME
10	ADMIN
20	BILLING

**EMPLOYEES** table:

Name	Data type	Primary Key	Foreign Key
EMP_ID	INTEGER		
EMP_NAME	VARCHAR (50)		
EMP_DEPT	INTEGER		
EMP_SALARY	DECIMAL (10, 2)		

 **FOREIGN KEY** = (EMP\_DEPT) REFERENCES DEPARTMENTS (DEPT\_ID)

EMP_ID	EMP_NAME	EMP_DEPT	EMP_SALARY
1	AARON	10	100
2	GRAHAM	20	400

**You are required to carry out the following task:**

**Task 1:**

In the **Departments** table, update the departments name from **ADMIN** to **ADMINISTRATION**

Sample result:

DEPT_ID	DEPT_NAME
10	ADMINISTRATION
20	BILLING

**TASK 2:**

Increase the Employees Salaries in the **Employees** table by 50% for all the employees except those currently earning the highest salary.

Sample result:

EMP_ID	EMP_NAME	EMP_DEPT	EMP_SALARY
1	AARON	10	150
2	GRAHAM	20	400

**TASK 3:**

Increase the salary of all employees who are not working in the department with the department ID by another \$500.

Sample result:

EMP_ID	EMP_NAME	EMP_DEPT	EMP_SALARY
1	AARON	10	150
2	GRAHAM	20	900

#### Task 4:

Change the Salary of all **Employees** who earn less than average salary to 1200.

Sample result:

EMP_ID	EMP_NAME	EMP_DEPT	EMP_SALARY
1	AARON	10	1200
2	GRAHAM	20	800