

Write a function to assign grades to employees based on their salary:

Range	Grade
0-10000	D
10000-30000	C
30000-60000	B
Above 60000	A

Refer to previous assignment for employee table schema and assume suitable data.

### Expected Output

first_name	Salary	Grade
Rahul	56000	B
Pravin	25000	C
Naresh	8000	D

```
DELIMITER $$
```

```
CREATE FUNCTION GetGradeBySalary(salary FLOAT)
```

```
RETURNS CHAR(1)
```

```
DETERMINISTIC
```

```
BEGIN
```

```
    DECLARE grade CHAR(1);
```

```
    IF salary <= 10000 THEN
```

```
        SET grade = 'D';
```

```
    ELSEIF salary > 10000 AND salary <= 30000 THEN
```

```
        SET grade = 'C';
```

```
    ELSEIF salary > 30000 AND salary <= 60000 THEN
```

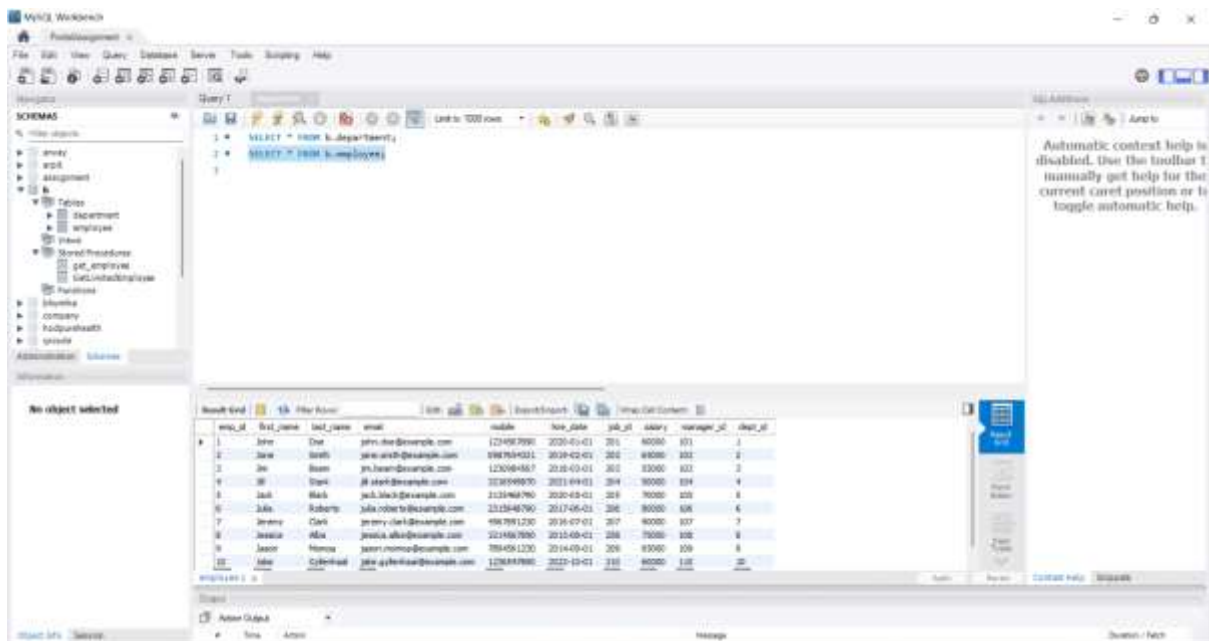
```

        SET grade = 'B';
ELSE
        SET grade = 'A';
END IF;

RETURN grade;
END$$

SELECT
    first_name,
    salary,
    GetGradeBySalary(salary) AS grade
FROM
    employee;

```



The screenshot shows the MySQL Workbench interface. The 'Query' tab is active, displaying the following SQL query:

```

SELECT * FROM employee;

```

The 'Results' tab shows the output of the query, which is a table with 10 columns: emp\_id, first\_name, last\_name, email, phone, hire\_date, job\_id, salary, manager\_id, and dept\_id. The table contains 10 rows of data.

emp_id	first_name	last_name	email	phone	hire_date	job_id	salary	manager_id	dept_id
1	John	Deo	john.deo@sample.com	1234567890	2020-01-01	101	80000	101	1
2	Jane	Smith	jane.smith@sample.com	9876543210	2020-02-01	102	80000	102	2
3	Joe	Blaze	joe.blaze@sample.com	1234567890	2020-03-01	103	80000	103	3
4	Ali	Stark	ali.stark@sample.com	3210987654	2021-04-01	104	80000	104	4
5	Jack	Black	jack.black@sample.com	2109876543	2020-05-01	105	80000	105	5
6	Julia	Roberts	julia.roberts@sample.com	2345678901	2017-06-01	106	80000	106	6
7	Jeremy	Cole	jeremy.cole@sample.com	9876543210	2018-07-01	107	80000	107	7
8	Jessica	Alba	jessica.alba@sample.com	3210987654	2018-08-01	108	80000	108	8
9	Jason	Momoa	jason.momoa@sample.com	7890123456	2019-09-01	109	80000	109	9
10	Mike	Cyberpunk	mike.cyberpunk@sample.com	1234567890	2022-10-01	110	80000	110	10

