# Leadsquared Assignment

**17BCE0360**

**ZIA UL UMAIR**

Q1. Write a query to print the number of employees per department in the organization

Answer

```
SELECT Department, COUNT(*) FROM employee GROUP BY Department;
```

Q2. Write an SQL query to find the name of the top-level manager of each Department

I was confused by what TOPLEVEL meant.

Answer

```
Select First_Name,Last_name,department FROM employee Where Manager='1';
```

Q3. Write a query to find the total incentive received by a given employee in a given month.

Answer

```
SELECT Employee_Ref_Id,SUM(Incentive_Amount), Month(Incentive_Date)
FROM Incentives
GROUP BY Month(Incentive_Date);
```

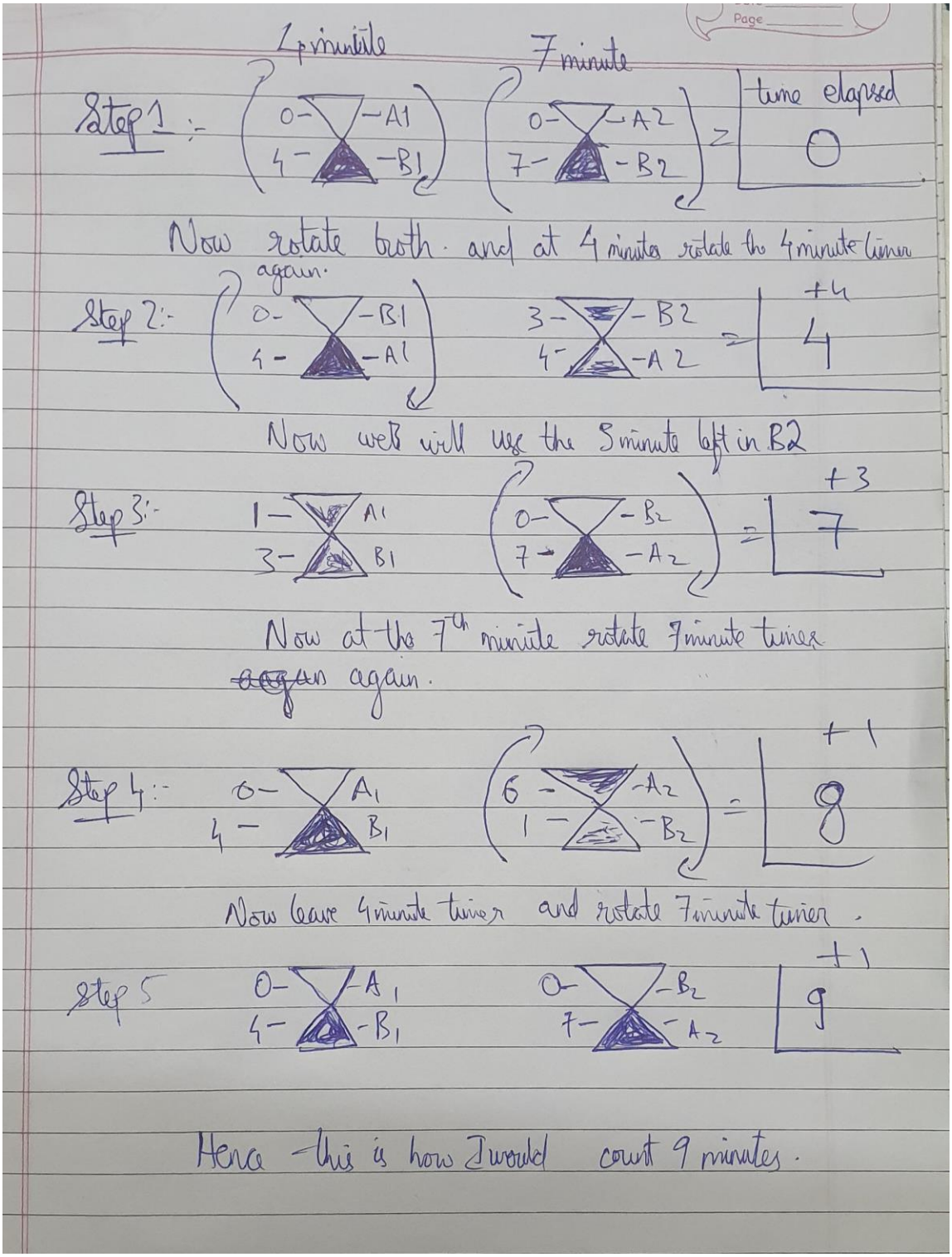
Q4. Write a query to find the month where employees got maximum incentive

Answer

```
SELECT SUM(Incentive_Amount) AS Highest, Month(Incentive_Date)
FROM Incentives
WHERE MAX(SUM(Incentive_Amount))
GROUP BY Month(Incentive_Date);
```

Section 2

5. I would Like to solve this on Paper for better Understanding.



6. It is ½ as it could be either boy or girl.

7. Yes, I completely agree with the argument that using radio advertisement would benefit the business as well as increase the popularity, so does any type of public advertisement. Such as newspaper, tv ads etc.

But there is one issue with the radio advertisement, you pay a large amount(assumption) of money on ads to be broadcasted over radio or tv just for one glance. The customers get to hear about the business for just one time and then that's it. How many people have it actually reached?

The better alternative is to pay the similar amount on social media accounts on the internet,

**For example, if an advertisement is published in a YouTube channel or a video it stays there forever along with the video. And daily the views increase on a video so does the popularity of the business. It no more remains a onetime advertisement unlike newspaper and radio.**