

Group 4

Mai Lee

Thanh Phan

Ouchithya Bollu

Vaishnavi Mahesha

HOMework: WRITING STORED PROCEDURES

Procedure 1:

Name of stored procedure: FindDeliveryAdress

Purpose: find the delivery address from phone number input.

Code:

```
1  DELIMITER //
2  • CREATE PROCEDURE FindDeliveryAdress(IN cell varchar(15))
3  BEGIN
4  SELECT distinct (p.cell), p.person_id, l.location_name,l.location_address,l.drop_off_point, p.person_name
5      FROM campus_eats_fall2020.order AS o
6      LEFT JOIN campus_eats_fall2020.location AS l
7      ON o.location_id = l.location_id
8      LEFT JOIN campus_eats_fall2020.person AS p
9      ON o.person_id = p.person_id
10     WHERE cell=p.cell;
11  END //
12  DELIMITER ;
```

Call and execution:

```
13  Call FindDeliveryAdress('9436829146')
```

| cell | person_id | location_name | location_address | drop_off_point | person_name |
|------------|-----------|---------------|-------------------------------|----------------|-----------------------|
| 9436829146 | 3 | Suite 057 | 28742 Cole Forest Suite 48... | 145 Hal Skyway | Miss Rosanna Connelly |

Procedure 2:

Name of stored procedure: FindOrderTotal

Purpose: find the order total by summing the total price and delivery charge from the order number input

Code:

```
15 DELIMITER //
16 • CREATE PROCEDURE FindOrderTotal(IN Order_ID int)
17 BEGIN
18     SELECT o.order_id, p.person_name, round((o.total_price + o.delivery_charge),2) AS Order_Total
19     FROM campus_eats_fall2020.order AS o
20     LEFT JOIN campus_eats_fall2020.person AS p
21         ON o.person_id = p.person_id
22     WHERE Order_ID = o.order_id;
23 END //
24 DELIMITER ;
```

Call and execution:

25 • Call FindOrderTotal('3')

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Result Grid | Filter Rows: | Export: | Wrap Cell Content: IA

| | order_id | person_name | Order_Total |
|---|----------|-----------------------|-------------|
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