



PRACTICAL ASSIGNMENT 2

By Dylan Kapnias (u18108467)



Task 2

```
MariaDB [u18108467_invoicingsystem]> SHOW DATABASES;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
| u18108467_invoicingsystem |
+-----+
4 rows in set (0.000 sec)

MariaDB [u18108467_invoicingsystem]> 
```

Task 4

Customer:

```
USE u18108467_invoicingsystem;
```

```
INSERT INTO CUSTOMER
```

```
VALUES ('C001', 'Peters', 'Johny', 'J', '021', '889-1234'),
       ('C002', 'Nkosi', 'Thabo', 'P', '011', '234-9966'),
       ('C003', 'Christie', 'Agatha', '', '012', '627-7530');
```

Invoice:

```
USE u18108467_invoicingsystem;
```

```
INSERT INTO INVOICE
```

```
VALUES ('00011', '2022-03-01', 'C001'),
       ('00012', '2022-03-09', 'C003');
```

Line:

```
USE u18108467_invoicingsystem;
```

```
INSERT INTO PRODUCT
```

```
VALUES ('SL_01', 'Fingerprint kit', 250.00, 'Simple Sleuth'),  
       ('PR_01', 'Fake blood', 10.00, 'Props Unlimited'),  
       ('SL_02', 'Magnifying glass', 725.00, 'Eye Glass'),  
       ('PR_02', 'Rope', 125.00, 'Mountain Climbers'),  
       ('PR_03', 'Prop Gun', 1456.00, 'UnReal');
```

Product:

```
USE u18108467_invoicingsystem;
```

```
INSERT INTO LINE
```

```
VALUES (DEFAULT, '1', 200.00, '00011', 'SL_01'),  
       (DEFAULT, '10', 10.00, '00011', 'PR_01'),  
       (DEFAULT, '2', 1200.00, '00011', 'PR_03'),  
       (DEFAULT, '2', 725, '00012', 'SL_02');
```

Task 5

Query:

```
USE u18108467_invoicingsystem;
```

```
SELECT * FROM CUSTOMER WHERE (AreaCode='012');
```

Result:

	Code	LName	FName	Initial	AreaCode	Phone
►	C003	Christie	Agatha		012	627-7530