

## Function Results

1. The function is created as follows:

```
DELIMITER $
CREATE FUNCTION Num_Of_Film_Rented(cust_ID INTEGER)
RETURNS INTEGER
BEGIN
    DECLARE Total_Number_Rented INTEGER;

    SELECT COUNT(*) INTO Total_Number_Rented
    FROM Customer AS C, Film as F, Item as I
    WHERE F.Item_ID = I.Item_ID AND I.Customer_ID_Rent = C.Customer_ID AND C.Customer_ID =
    cust_ID;

    RETURN Total_Number_Rented;
END;
$
DELIMITER;
```

2. To call the function, I used `SELECT Num_Of_Film_Rented('Customer_ID')`. You can see the SQL input/output below.

```
mysql> SELECT Num_Of_Film_Rented('222222222');
```

```
+-----+
| Num_Of_Film_Rented('222222222') |
+-----+
|                                1 |
+-----+
1 row in set, 1 warning (0.00 sec)
```

```
mysql> SELECT Num_Of_Film_Rented('111111111');
```

```
+-----+
| Num_Of_Film_Rented('111111111') |
+-----+
|                                0 |
+-----+
1 row in set (0.00 sec)
```

```
mysql> SELECT Num_Of_Film_Rented('1');
```

```
+-----+
| Num_Of_Film_Rented('1') |
+-----+
|                            0 |
+-----+
1 row in set (0.00 sec)
```