

MYSQL PROCEDURES

Below is the code for the procedures, I entered this into the MYSQL Command Line Interface

GetMaxQuantity

```
DELIMITER $$
CREATE PROCEDURE GetMaxQuantity(IN itemID INT)
BEGIN
    SELECT MAX(Quantity) AS MaxQuantity
    FROM Orders
    WHERE ItemID = itemID;
END$$
DELIMITER ;
```

ManageBooking

```
DELIMITER $$
CREATE PROCEDURE ManageBooking(IN bookingDate DATE, IN bookingSlot TIME, OUT
availableTables INT)
BEGIN
    SELECT COUNT(TableNo) INTO availableTables
    FROM Bookings
    WHERE BookingSlot = bookingSlot
    AND BookingDate = bookingDate;
END$$
DELIMITER ;
```

UpdateBooking

```
DELIMITER $$
CREATE PROCEDURE UpdateBooking(IN bookingID INT, IN guestFirstName VARCHAR(100), IN
guestLastName VARCHAR(100), IN bookingSlot TIME)
BEGIN
    UPDATE Bookings
    SET GuestFirstName = guestFirstName, GuestLastName = guestLastName, BookingSlot = bookingSlot
    WHERE BookingID = bookingID;
END$$
DELIMITER ;
```

AddBooking

```
DELIMITER $$
CREATE PROCEDURE AddBooking(IN tableNo INT, IN guestFirstName VARCHAR(100), IN
guestLastName VARCHAR(100), IN bookingSlot TIME, IN employeeID INT)
```

```
BEGIN
  INSERT INTO Bookings (TableNo, GuestFirstName, GuestLastName, BookingSlot, EmployeeID)
  VALUES (tableNo, guestFirstName, guestLastName, bookingSlot, employeeID);
END$$
DELIMITER ;
```

CancelBooking

```
DELIMITER $$
CREATE PROCEDURE CancelBooking(IN bookingID INT)
BEGIN
  DELETE FROM Bookings WHERE BookingID = bookingID;
END$$
DELIMITER ;
```