SQL Assignment 2 Michael Houmann (MySql)

**Subqueries & joins**

1. **What is the average price of a room at Hotel Scandic?**

SELECT AVG(Price) FROM room WHERE room.Hotel\_No IN (SELECT hotel.Hotel\_No FROM hotel WHERE name LIKE “%Scandic%”)

SELECT AVG(room.Price) FROM room INNER JOIN hotel ON room.Hotel\_No = hotel.Hotel\_No AND hotel.Name LIKE “%Scandic%”

1. **How many bookings are there today at Scandic hotel?**

SELECT COUNT(\*) FROM booking WHERE booking.Hotel\_No IN (SELECT hotel.Hotel\_No FROM hotel WHERE hotel.Name LIKE “%Scandic%”) AND CURDATE() BETWEEN booking.Date\_From AND booking.Date\_To

SELECT COUNT(\*) FROM bookinh INNER JOIN hotel ON booking.Hotel\_no = hotel.Hotel\_No WHERE hotel.Name LIKE “%Scandic%” AND CURDATE() BETWEEN booking.Date\_From AND booking.Date\_To

[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) [COUNT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/group-by-functions.html#function_count)(\*) FROM booking INNER JOIN hotel ON booking.Hotel\_No=hotel.Hotel\_No WHERE hotel.Name [LIKE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-comparison-functions.html#operator_like) "%Scandic%" [AND](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_and) CURDATE() BETWEEN booking.Date\_From [AND](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_and) booking.Date\_To

[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) [COUNT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/group-by-functions.html#function_count)(\*) FROM booking WHERE booking.Hotel\_No [IN](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/comparison-operators.html#function_in) ([SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) hotel.Hotel\_No FROM hotel WHERE hotel.Name [LIKE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-comparison-functions.html#operator_like) "%Scandic%") [AND](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_and) CURDATE() BETWEEN booking.Date\_From [AND](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_and) booking.Date\_To