1.1.

SELECT \*

FROM HOTEL

1.2.

SELECT \*

FROM HOTEL

WHERE city = 'LONDON'

1.3.

SELECT guestName, guestAddress

FROM Guest

WHERE guestAddress LIKE '%LONDON%';

1.4.

SELECT \*

FROM ROOM

WHERE price < 40 and (type = 'Family' or type= 'Double')

ORDER BY price

1.5.

SELECT \*

FROM Booking

WHERE dateTo is null

1.6.

SELECT COUNT(\*) AS numHotels

FROM Hotel;

1.7.

SELECT AVG(price)

from ROOM

1.8.

Select SUM(Price)

From Room

WHERE type = 'Double'

1.9.

SELECT COUNT(distinct guestNo) as TotalAgosto

FROM Booking

Where Month(dateFrom) = 8 or Month(dateTo) = 8 or (MONTH(dateFrom) < 8 and MONTH(dateTo) > 8)

1.10

SELECT r.price, h.hotelName, r.type

FROM ROOM r, HOTEL h

WHERE r.hotelNo = h.hotelNo and hotelName = 'Grosvenor Hotel'

1.11.

SELECT g.guestName

FROM Guest g, Booking b, Hotel h

Where h.hotelName = 'Grosvenor Hotel' and dateTo >= '2020-04-03' and dateFrom < '2020-04-03' and b.guestNo = g.guestNo and b.hotelNo = h.hotelNo

1.12.

SELECT r.roomNo, r.type, r.price, g.guestName

FROM Room r

JOIN Hotel h ON r.hotelNo = h.hotelNo

LEFT JOIN Booking b ON r.roomNo = b.roomNo AND r.hotelNo = b.hotelNo AND '2020-04-03' BETWEEN b.dateFrom AND b.dateTo

LEFT JOIN Guest g ON b.guestNo = g.guestNo

WHERE h.hotelName = 'Grosvenor Hotel';

1.13.

SELECT

SUM(r.price) AS total\_income

FROM Room r

JOIN Hotel h ON r.hotelNo = h.hotelNo

JOIN Booking b

ON r.roomNo = b.roomNo

AND r.hotelNo = b.hotelNo

AND '2020-04-03' BETWEEN b.dateFrom AND b.dateTo

WHERE h.hotelName = 'Grosvenor Hotel';