



1 Litters and Puppies

Query Question	Design	Code
Select all F puppies. This should only display the following fields: PuppyID and Gender.	Query TypeSELECTField(s)puppyID, genderTable(s)PuppySearchGender = FCriteriaSort Order	SELECT puppyID, gender FROM Puppy WHERE gender = 'F'
Select all litters that have been born to Sire Cullen . This should only display the following fields: LitterID, Sire and Dame.	Query TypeSELECTField(s)litterID, Sire, DameTable(s)litterSearchSire = CullenCriteriaSort Order	SELECT `litterID`, `sire`, `dame` FROM litter WHERE sire = 'Cullen'
Select all puppies in LitterID 59. This should display all the fields (*) from Puppy. This should be ordered by Cost in ascending order.	Query TypeSELECTField(s)All fieldsTable(s)PuppySearchlitterID = 59CriteriaSort OrderCost Asc	SELECT * FROM Puppy WHERE `litterID` = 59 ORDER BY cost
Select all litters who had more than 5 puppies. This should display all the fields (*) from Litter. This should be ordered by No In Litter in descending order.	Query TypeSELECTField(s)All fieldsTable(s)LitterSearchNumber in Litter >5CriteriaSort OrderSort OrderNumber in Litter Desc	SELECT * FROM Litter WHERE `numinlitter` > 5 ORDER BY `numinlitter` DESC
Select all puppies costing between 275 and 350. This should display all the fields (*) from Puppy. This should be ordered by Gender in ascending order then Cost in descending order.	Query TypeSELECTField(s)All fieldsTable(s)PuppySearchCost >=275 and <=350	SELECT * FROM Puppy WHERE `cost` >= 275 AND `cost` <= 350 ORDER BY Gender ASC, cost DESC
Select all M puppies who are from	Query Type SELECT	SELECT

Dame Nora. This should only display the following fields: PuppyID, Gender, LitterID and Dame.	Field(s) Table(s) Search Criteria Sort Order	PuppyID, gender, Dame, LitterID Puppy, Litter Dame = Nora and Gender = M	Puppy.puppyID, Puppy.gender, Litter.dame, Litter.litterID FROM Puppy, Litter WHERE Litter.dame = 'Nora' AND Puppy.gender = 'm'
Select all puppies who are from Dame Jade and Sire Travis. This should only display the following fields: PuppyID, LitterID, Sire and Dame.	Query Type Field(s) Table(s) Search Criteria Sort Order	SELECT PuppyID, LitterID, Sire, Dame Litter, Puppy Sire = Travis and Dame = Jade	SELECT Puppy.puppyID, Puppy.litterID, Litter.sire, litter.dame FROM Litter, Puppy WHERE Puppy.litterID = Litter.litterID AND litter.sire = 'Travis' AND litter.dame = 'Jade'
Select all puppies who cost £750 and belong to Dame Amber litters. This should only display the following fields: PuppyID, Cost and Dame.	Query Type Field(s) Table(s) Search Criteria Sort Order	SELECT PuppyID, Cost, Dame Puppy, Litter Dame = Amber and Cost = 750	SELECT Puppy.puppyID, Puppy.cost, litter.dame FROM Puppy, Litter WHERE Litter.dame = 'Amber' AND Puppy.cost = 750 AND Puppy.litterID = Litter.litterID

Query Question	Design	Code
One puppy has been born into litter 500 by Sire Kobi and Dame Nora on the 12/09/2017. Add this litter to the litter table.	Query TypeINSERTTable(s)LitterNew/Updated500, Kobi, Nora,Value(s)12/9/2017, 1CriteriaImage: Content of the second	INSERT INTO `Litter` VALUES (500,'Kobi','Nora',1,'2017/09/12 ')
A new male puppy has been born to litter 500 and costs £750.00 . Add this puppy to the puppies table.	Query TypeInsertTable(s)PuppyNew/UpdatedM, 750, 500Value(s)Criteria	INSERT INTO Puppy(gender, cost, litterID) VALUES('M', 750.00, 500)





Query Question	Design	Code
The number of puppies in litter 500 should be 2 not 1.	Query TypeUpdateTable(s)LitterNew/UpdatedNuminlitter = 2Value(s)CriteriaLitterId = 500	UPDATE `Litter` SET `numinlitter` = 2 WHERE `litterID` = 500
The cost of puppy 25 should be £775.00 not £800.00.	Query TypeUpdateTable(s)PuppyNew/UpdatedCost = 775Value(s)CriteriaPuppyID = 25	UPDATE `Puppy` SET `cost`=775 WHERE `puppyID` = 25

Query Question	Design		Screenshot of Code
Puppy 75 has been sold so delete this puppy.	Query Type Table(s) New/Updated Value(s) Criteria	Delete Puppy All fields PuppyId = 75	DELETE FROM `Puppy` WHERE `puppyID` = 75





2 Holidays and Hotel

Complete the design and write the code for each query.

Query	Design		SQL Code/Results
Select all holidays in Italy . This should only display the following fields: Title, Country and Destination.	Query Type Field(s) Table(s) Search Criteria Sort Order	SELECT Title, country Holiday Country = Italy	Number of holidays: 8 SELECT title, destination,country FROM Holiday WHERE country = 'italy'
Select hotels in Paris . This should only display the following fields: Hotel and City.	Query Type Field(s) Table(s) Search Criteria Sort Order	SELECT Hotel, City Hotel City = Paris	Number of hotels: 4 SELECT Hotel, city FROM Hotel WHERE city = 'Paris'
Select all rooms which cost more than > 75. This should display the fields: Hotel and Price. Sort by Price in descending order.	Query Type Field(s) Table(s) Search Criteria Sort Order	SELECT Hotel, Room price Hotel Room price > 75 Room price DESC	Most expensive number of nights: 135 SELECT hotel, roomprice FROM hotel WHERE roomprice > 75 ORDER BY roomprice DESC
Select all holidays with less than or equal to 4 nights. This should display the fields: Title, Destination, Nights.	Query Type Field(s) Table(s) Search Criteria Sort Order	SELECT Title, destination, nights Holiday Nights <=4	Number of holidays: 44 SELECT title, destination, nights FROM Holiday WHERE nights <= 4
Select all hotels with a grade 3 star. This should display the fields: Hotel, City and Grade. Order by Hotel in ascending order.	Query Type Field(s) Table(s) Search Criteria Sort Order	SELECT Hotel, city, grade Hotel Grade = 3 star Hotel ASC	The city name of the top result: Dublin SELECT hotel, city, grade FROM hotel







			WHERE grade = '3 star' ORDER BY Hotel ASC
Select all holidays leaving on 20/07/2013 which are < 13 km from the airport. This should only display the following fields: Destination, Hotel, DateDeparture and kmAirport.	Query Type Field(s) Table(s) Search Criteria Sort Order	SELECT Destination, Hotel, Departure Date, Airport Distance Holiday, Hotel Departure Date = 20/7/2013 and distance <13	Screenshot of code: SELECT Holiday.destination, hotel.hotel, Holiday.departuredate, hotel.airportdistance FROM holiday, hotel WHERE Holiday.departuredate = '2013/07/20' AND Hotel.airportdistance < 13 AND holiday.hotelref = hotel.hotelref
Select all hotels (and their price) in countries Spain or Portugal. This should only display the following fields: Title, Hotel, Price, City and Country. Sort by Country descending and then Price ascending.	Query Type Field(s) Table(s) Search Criteria Sort Order	SELECT Title, hotel, roomprice, city and country Holiday, Hotel Country = Spain or Portugal	Screenshot of code: SELECT Holiday.title, Hotel.hotel, hotel.roomprice, hotel.city, Holiday.country FROM holiday, Hotel WHERE (Holiday.country = 'Spain' OR Holiday.country = 'Portugal') AND holiday.hotelref = hotel.hotelref
Select all holidays in the country France which cost more then 50 and are for 5 nights. This should only display the following fields: Hotel, Country, Price and Nights.	Query Type Field(s) Table(s) Search Criteria Sort Order	SELECT Hotel, room price, nights, country Holiday, hotel City = paris and nights = 5	The hotel name: Hotel - Saint-Jean SELECT Hotel.hotel, hotel.roomprice, Holiday.nights, holiday.country FROM holiday, Hotel WHERE (hotel.city = 'Paris' AND Hotel.roomprice >50 AND Holiday.nights = 5) AND holiday.hotelref = hotel.hotelref







Query	Design	Code
A new hotel has been built in Prague called the Clement (ref H141) and is 3 star , 5.2 km from airport as is £60 per night. Add this hotel to the Hotel table.	Query TypeINSERTTable(s)HotelNew/UpdatedH141, ClemenValue(s)3 star, 60, 5.2CriteriaImage: Content of the start of the s	INSERT INTO `Hotel` VALUES ('H141', 'Clement', 'Prague', '3 star', 60,5.2)
A holiday is now available to the new hotel Clement called Prague City Break to Prague the Czech Republic , leaving on 17/07/2018 for 5 nights. Add this holiday to the Holiday table.	Query TypeINSERTTable(s)HolidayNew/UpdatedPrague City brValue(s)Prague, Czech17/7/2018, 5, ICriteria	Republic, `title`,

Query	Design		Screenshot of Code
The price of a room per night in hotel H119 has decreased from £135 to £130 .	Query Type Table(s) New/Updated Value(s) Criteria	UPDATE Hotel Room price = 130 Hotelref = H119	UPDATE Hotel SET roomprice = 130 WHERE hotelref = 'H119'
The number of nights you can stay in Irish Glory has changed from 4 to 7 .	Query Type Table(s) New/Updated Value(s) Criteria	UPDATE Holiday Nights = 7 Title = Irish Glory	UPDATE Holiday SET nights = 7 WHERE title = 'Irish Glory'





Query	Design		Screenshot of Code
BookMeAHoliday is not going to be going to Geloland anymore. Delete this holiday from the Holiday table.	Query Type Table(s) New/Updated Value(s) Criteria	DELETE Holiday All fields Title = Geloland	DELETE FROM `Holiday` WHERE Holiday.title = "Geloland"