

The tables Airport and Country form a relational database set up for Badger Air, a small airline.

### Airport

AirportName	Code	CountryName	Terminals
Manchester	MAN	UK	3
Heathrow	LHR	UK	5
Frankfurt	FRA	Germany	2
Gatwick	LGW	UK	2
Hamburg	HAM	Germany	2
Fiumicino	FCO	Italy	4
Copenhagen	CPH	Denmark	2

### Country

CountryName	Currency	Timezone
Denmark	Danish Krone	1
Germany	Euro	1
Italy	Euro	1
UK	Pound Sterling	0

**01** The number of terminals at Frankfurt airport has been increased to 3.

Write an SQL query that could be used to change the number of terminals for Frankfurt airport.

**[3 marks]**

UPDATE Airport

SET Terminals = 3

WHERE Code = "FRA"; (accept AirportName = "Frankfurt")

**02** The management of Badger Air has decided to no longer fly from Manchester airport.

Write an SQL query to remove Manchester airport from the database.

**[2 marks]**

DELETE FROM Airport

WHERE Code = "MAN"; (accept AirportName = "Manchester")

**03** The catering manager at Badger Air needs a list of all airports that the company operates at which have more than 2 terminals. They need to know the name of the airport, the country it is in and the number of terminals.

Write an SQL query that could be used to find this information for the catering manager. The results should be sorted in order of the number of terminals, with the highest number at the top of the list.

**[4 marks]**

```
SELECT AirportName, CountryName, Terminals
```

```
FROM Airport
```

```
WHERE Terminals > 2
```

```
ORDER BY Terminals DESC;
```

**04** A travel agent operating in the European Union has asked Badger Air to provide it with a list of all airports it operates at which are not in the United Kingdom.

The travel agent needs to know the name of the airport, the country it is in and the currency used.

Write an SQL query that could be used to find this information for the travel agent. The results should be shown in alphabetical order by the name of the airport.

**[6 marks]**

```
SELECT Airport.AirportName, Airport.CountryName, Country.Currency
```

```
FROM Airport, Country
```

```
WHERE Airport.CountryName != "UK" AND Country.CountryName = Airport.CountryName
```

```
ORDER BY AirportName ASC;
```