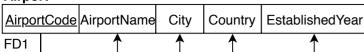
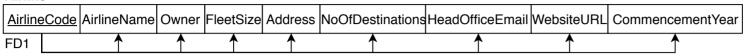
Checking for 3NF

Airport



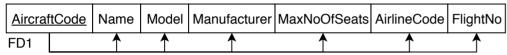
The table Airport is in 2NF. It doesn't have transitive dependencies. All the non primary key attributes depend on the primary key of the table which is AirportCode. It has a functional dependency named FD1 and it's determinent is the super key of the table. Therefore the table **Airport** is in 3NF.

Airline



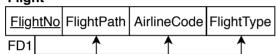
The table Airline is in 2NF. It doesn't have transitive dependencies. All the non primary key attributes depend on the primary key of the table which is AirlineCode. It has a functional dependency named FD1 and it's determinent is the super key of the table. Therefore the table Airline is in 3NF.

Aircraft



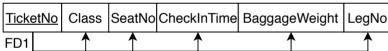
The table Aircraft is in 2NF. It doesn't have transitive dependencies. All the non primary key attributes depend on the primary key of the table which is AircraftCode. It has a functional dependency named FD1 and it's determinent is the super key of the table. Therefore the table Aircraft is in 3NF.

Flight



The table **Flight** is in 2NF. It doesn't have transitive dependencies. All the non primary key attributes depend on the primary key of the table which is <u>FlightNo</u>. It has a functional dependency named FD1 and it's determinent is the super key of the table. Therefore the table Flight is in 3NF.

Reservation



The table **Reservation** is in 2NF. It doesn't have transitive dependencies. All the non primary key attributes depend on the primary key of the table which is <u>TicketNo</u>. It has a functional dependency named FD1 and it's determinent is the super key of the table. Therefore the table **Reservation** is in 3NF.