Case Study 4

Group 1

Load Data

```
library(tidyverse)
library(nycflights13)
head("nycflights13")
```

Join two datasets using a common column

arrange()

slice()

left_join()

```
flights
Flights_by_distance <- arrange(flights, desc(distance))
view(Flights_by_distance)
Furthest_airport_from_nyc <- slice(Flights_by_distance, n=150)
view(airports)
farthest_airport <- left_join(Furthest_airport_from_nyc,airports,by=c("dest"="faa")) %>%
select(name) %>%
as.character()
```

Answer a question that requires understanding how multiple tables are related

What is the full name of the destination airport farthest from any of the NYC airports in the flights table?

Farthest_airport ← Honolulu International Airport

Values	
farthest_airport	"Honolulu Intl"