COP2073C Practice Exercise 10

For this exercise you will need to install and load the tidyverse.

In this exercise we will practice chaining functions together with pipes to create a streamlined data manipulation workflow using dplyr and select as part of mastering data manipulation in the tidyverse.

Using the nycflights13 flights dataset and the tidyverse library, follow these steps:

1. **Use pipes (%>%) to connect each of the following steps to create a single, streamlined pipeline of commands.**
2. Use the arrange() function to sort the data by *longest to shortest flight distance* (distance) and, for flights with the same distance, sort by *longest to shortest airtime* (air_time). This should be done in a single call to arrange().
3. Then, use select() to retrieve the columns distance, air_time, carrier, and month in which each flight occurred.

Expected Output:

```
# A tibble: 336,776 × 4
   distance air_time carrier month
      <dbl>    <dbl> <chr>   <int>
 1     4983      691 HA          2
 2     4983      686 HA          3
 3     4983      686 HA          3
 4     4983      683 HA          3
 5     4983      679 HA          2
 6     4983      676 HA          3
 7     4983      675 HA         11
 8     4983      671 HA          4
 9     4983      669 HA         11
10     4983      667 HA         11
# 336,766 more rows
```