data.table Homework

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```
library(tidyverse)
library(data.table)
```

```
flights1 <- fread("nycdata.csv")
flights2 <- read_csv("nycdata.csv")
```

1: Use and show data.table code to select the variables year, month, day, and hour from the imported flights data

```
# R code  here
```

2: Use and show data. table code to produce a table that shows a carrier of DL, an origin of JFK and a destination of SEA

```
# R code  here
```

3: Use and show data.table code to produce a table that shows a carrier of UA, a month of March, and an airtime that is below 330.

```
# R code  here
```

4: Use and show tidyverse code to produce a table that shows a carrier of UA, a month of March, and an airtime that is below 330.

```
# R code  here
```

5: Use the data.table method to add a variable called speed that is the average air speed of the plane in miles per hour.

```
# R code  here
```

6: Use the tidyverse method to add a variable called speed that is the average air speed of the plane in miles per hour.

```
# R code  here
```

7: Show and use coding to change the carrier abbreviation of UA to UniitedAir,

7a: data.table method

```
# R code  here
```

7b: tidyverse method (Use a sequence of dplyr commands so that you can see the change in your table)

```
# R code  here
```