Exercise 4a

Your Name

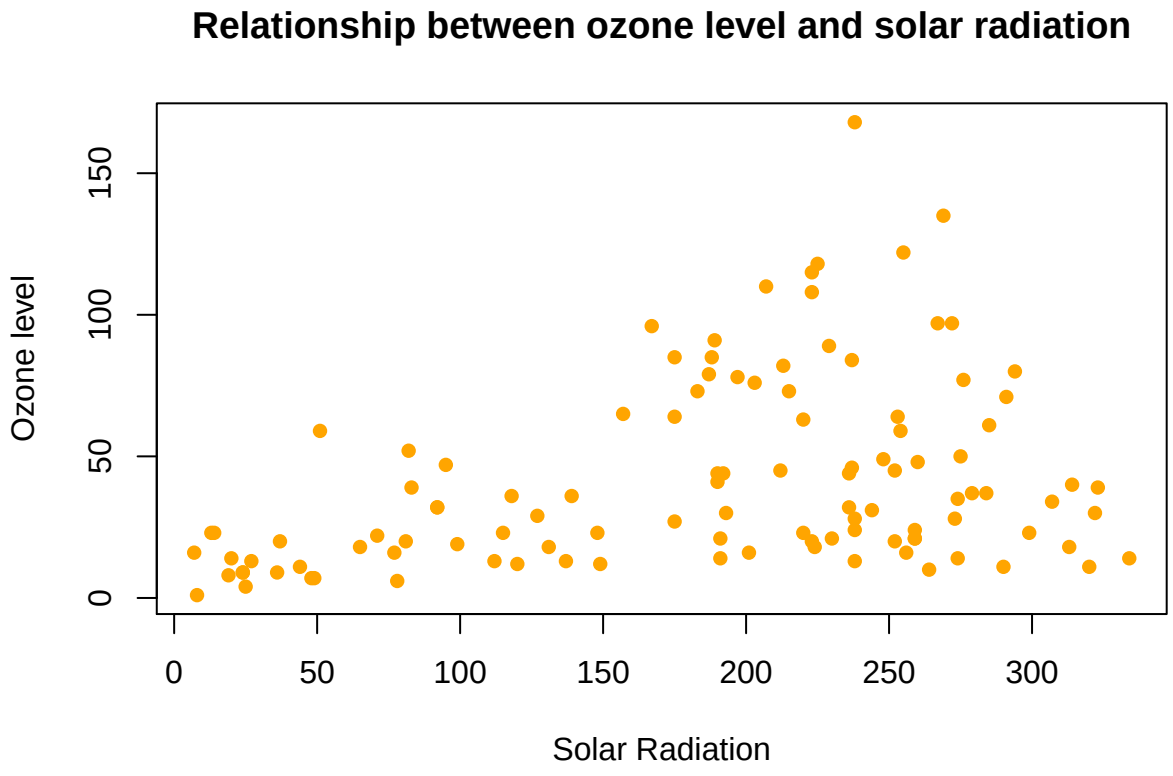
9 October 2015

Import the ozone dataset into R

```
weather <- read.csv("ozone.csv")
```

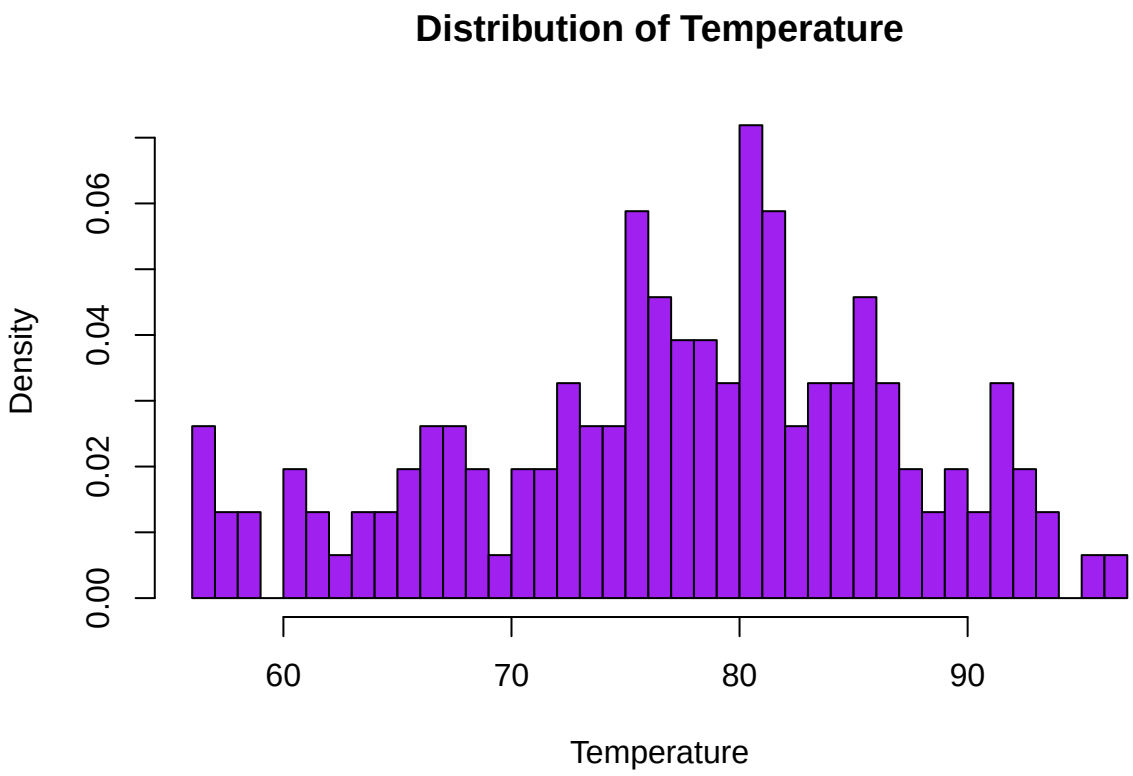
Scatter plot of solar radiation versus ozone level; points coloured in orange with filled circles

```
plot(weather$Solar.R,weather$Ozone,col="orange",pch=16,
     ylab="Ozone level",xlab="Solar Radiation",
     main="Relationship between ozone level and solar radiation")
```



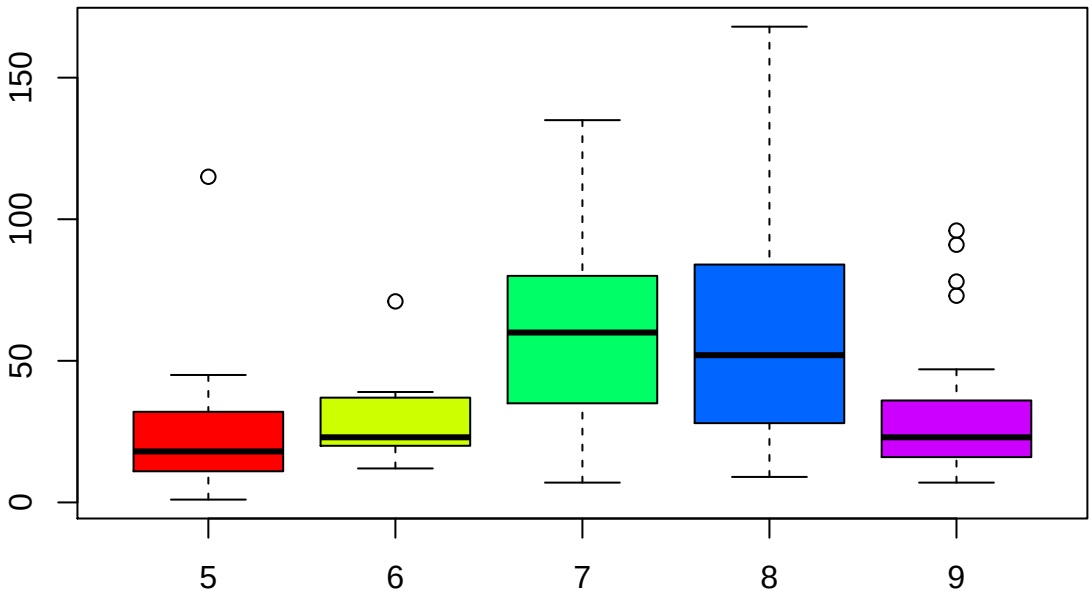
Histogram of temperature; density on y axis, coloured purple, broken into 50 bins of equal size

```
hist(weather$Temp,col="purple",xlab="Temperature",
     main="Distribution of Temperature",breaks = 50,freq=FALSE)
```



Boxplot of Ozone level per-month; different colours for each month

```
boxplot(weather$Ozone~weather$Month,col=rainbow(5))
```


0
50
100
150
5
6
7
8
9