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Epidemiology Using R Chapter 3 Problem Set

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3.1) Using RStudio and the data from Table 3.1 on page 107 Create the following data frame:

```
Status <- c("Dead", "Survived", "Dead", "Survived", "Dead", "Survived",
            "Dead", "Survived")
Treatment <- c("Tolbutamide", "Tolbutamide", "Placebo", "Placebo", "Tolbutamide",
               "Tolbutamide", "Placebo", "Placebo")
Agegrp <- c("<55", "<55", "<55", "<55", "55+", "55+", "55+", "55+")
Freq <- c(8, 98, 5, 115, 22, 76, 16, 69)
dat <- data.frame(Status, Treatment, Agegrp, Freq)
dat
```

```
##      Status   Treatment Agegrp Freq
## 1      Dead Tolbutamide    <55    8
## 2 Survived Tolbutamide    <55   98
## 3      Dead     Placebo    <55    5
## 4 Survived     Placebo    <55  115
## 5      Dead Tolbutamide    55+   22
## 6 Survived Tolbutamide    55+   76
## 7      Dead     Placebo    55+   16
## 8 Survived     Placebo    55+   69
```

3.2) Select 3 to 5 classmates and collect data on first name, last name, affiliation, two email addresses, and today's date. Using a text editor, create a data frame with this data.

```
First.name <- c("John", "Lucy", "Sandra")
Last.name <- c("Smith", "Bone", "Key")
Affiliation <- c("Duke", "UNC", "Duke")
Email <- c("NA", "lb123@unc.edu", "sk345@duke.edu")
Date <- Sys.Date()
dat2 <- data.frame(First.name, Last.name, Affiliation, Email, Date)
dat2
```

```
##   First.name Last.name Affiliation        Email        Date
```