Module06 homework Q1

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Dates: This file was created on 2020-07-14 and last modified on 2021-07-15.

Purpose: Answer Homework questions from module06

This solution uses R and SQLite. An alternate solution using SAS and Oracle is also available.

Note: Some of the names used in this code are arbitrary and you can choose whatever names you want. To emphasize which names can be modified at your discretion, I am using names of famous statisticians.

The statistician being honored in this code is Robert V. Hogg.

Use the same database shown in the video. It is available on the Insights platform, or you can download a sqlite file from Canvas.

1. List id and migraine_label for the first ten records after joining the acupuncture_demographics and acupuncture_migraine_labels.

```r
library(sqldf)
```

```
## Loading required package: gsubfn
```

```
## Loading required package: proto
```

```
## Loading required package: RSQLite
```

```r
hogg <- dbConnect(SQLite(),
  dbname="../data/melange.sqlite")
robert <- dbGetQuery(conn=hogg,  "
    select d.id, m.migraine_label
      from acupuncture_demographics as d
      join acupuncture_migraine_labels as m
      on d.migraine=m.migraine_code
      limit 10
")
robert
```

```
##      id migraine_label
## 1  100    Tension-type
## 2  101    Tension-type
## 3  104    Tension-type
## 4  105    Tension-type
## 5  108    Tension-type
## 6  112    Tension-type
## 7  113    Tension-type
## 8  114    Tension-type
## 9  126    Tension-type
## 10 130    Tension-type
```

```r
dbDisconnect(conn=hogg)
```