Homework-02-02

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This file was created on 2020-01-31 and last modified on 2021-01-23.

Note: these solutions uses R and SQLite. An alternate solution using SAS and Oracle is also available.

Use the table crawling. Refer to the page "Data used in this module" for a description of the data and where you can download it. Oracle users do not need to download anything, but do need to use schema=melange in their code. Run a query that changes Temperature to Temperature_F and displays all three fields and all records.

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 William Edwards Deming.

```
library(sqldf)
```

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

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

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

```
deming <- dbConnect(SQLite(),
  dbname="../data/melange.sqlite")

edwards <- dbGetQuery(conn=deming, "
    select
      Birth_month,
      Temperature as Temperature_F,
      avg_crawling_age
      from crawling
")

edwards
```

```
##    Birth_month Temperature_F avg_crawling_age
## 1      January            66            29.84
## 2     February            73            30.52
## 3        March            72            29.70
## 4        April            63            31.84
## 5          May            52            28.58
## 6         June            39            31.44
## 7         July            33            33.64
## 8       August            30            32.82
## 9    September            33            33.83
## 10     October            37            33.35
## 11    November            48            33.38
## 12    December            57            32.32
```

```
dbDisconnect(conn=deming)
```