YOUR TURN

Develop a for loop that will loop through the months provided and import those .csv files that are present.

```
file_1 <- "Month-"
file_2 <- ".csv"
month <- 1:13

for(i in month) {

  < magic happens here />

}
```

Run your for loop for **months 1-13**:

- If a particular month is available import it as "df.month.1", "df.month.2", …
- If a particular month is not available, provide the response: "There is no data for month x"
- If a particular month is invalid (i.e. 13), provide the response: "x is an invalid month"

```
file_1 <- "Month-"
file_2 <- ".csv"
month <- 1:13

for(i in month) {

  # create file name
  if(i %in% 1:9) {
    file_name <- paste0("data/", file_1, 0, i, file_2)
  } else if(i %in% 10:12) {
    file_name <- paste0("data/", file_1, i, file_2)
  } else {
    response <- paste(i, "is an invalid month")
    print(response)
    next
  }

  # import data
  if(file.exists(file_name)) {
    df <- read_csv(file_name)
    assign(paste0("df.month.", i), df)
    rm(df)
  } else {
    response <- paste("There is no available data for month", i)
    print(response)
  }
}
```

SOLUTION

1. Create file names.

2. If invalid month, provide response and skip to next iteration.

3. If the file exists, import and rename.

4. If the file does not exist for a given month, provide a response