

```
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

```

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  } else {
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  }

  # 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

When you run this for months 1:13

Environment		History
Global Environment		Import Dataset
Data		
df.month.1	54535 obs. of 10 variables	
df.month.10	80277 obs. of 10 variables	
df.month.11	94315 obs. of 10 variables	
df.month.2	44380 obs. of 10 variables	
df.month.3	53259 obs. of 10 variables	
df.month.4	51033 obs. of 10 variables	
df.month.5	55079 obs. of 10 variables	
df.month.6	59666 obs. of 10 variables	
df.month.7	64268 obs. of 10 variables	
df.month.8	69492 obs. of 10 variables	
df.month.9	71855 obs. of 10 variables	

and for months 12 & 13 the response is:

```

[1] "There is no available data for month 12"
[1] "13 is an invalid month"

```