Problem Set Resources

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Resources

1. Re-watch these videos on working with relative and absolute paths

- Absolute versus relative file paths Youtube link

- Relative paths and working directory in R Youtube link

2. `list.files()` command

- The list.files command will list the files in the current working directory

- To learn more type `?list.files` in the console

```
?list.files
list.files() #currently in rclass project folder
```

```
## [1] "data"                     "lectures"
## [3] "problemset_1.pdf"         "problemset_1.Rmd"
## [5] "problemset_instructions.pdf" "problemset_instructions.Rmd"
## [7] "problemset1_solutions.pdf"   "problemset1_solutions.Rmd"
## [9] "rclass.Rproj"
```

- Alternatively, you could set the path to the folder you would like to list files

```
list.files(path = "data/ipeds")
```

```
## [1] "ef"    "effy" "ic"
```

3. To view the filepath of your current/working directory use the `getwd()` function.

- Note that when you use the `getwd()` function from a code chunk in .Rmd, the filepath will be the directory where the .Rmd file is saved.

```
getwd()
```

```
## [1] "/Users/patriciamartin/Desktop/rclass"
```

- This pdf "problemset_instructions.Rmd" is saved in the rclass folder (current working directory)

4. To set your working directory, use the `setwd()` function.

- Note that when `setwd()` is executed within a code chunk, the working directory changes only for that code chunk and will revert back to previous working directory in another code chunk.

```r
getwd()
```

```
## [1] "/Users/patriciamartin/Desktop/rclass"
```

```r
setwd("lectures/lecture1")
```

5. Once problem sets are complete, knit to pdf

- Select the "Knit" tab (icon with blue yarn ball) or scroll down and "Knit to PDF"

- Go to class website https://ozanj.github.io/rclass/resources/ and each week collapsible will have a link titled "Sumbit Problem Set Here"

- Select the link and submit both .Rmd and pdf files

- Make sure to use this naming convention "lastname_firstname_ps#"