

# Problem Set #1

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## Problem set 1

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Note: Change author to your name

### Step 1:

- Go to your rclass folder and open your saved lecture1.2.Rmd file (hint: in lecture1 folder)
- Open the lecture1.2.Rmd file in RStudio
- At the top of the lecture1.2.Rmd file, before the “# R basics”, type your first and last name (e.g. “Patricia Martin”)
- Now select the “Knit” tab (icon with blue yarn ball) or scroll down and “Knit to PDF (Beamer)”
- The goal of this assignment is to make sure you are able to knit to a Beamer presentation (PDF) without running into errors.

### Step 2:

**Question 1:** Load .Rdata directly with url

- Make sure to view current/working directory first `getwd()`
- Url to data [https://github.com/ozanj/rclass/raw/master/data/recruiting/recruit\\_ps1\\_small.Rdata](https://github.com/ozanj/rclass/raw/master/data/recruiting/recruit_ps1_small.Rdata)
- Hint: to load .Rdata use `load()` function and “url” because you are using a link
- E.g. `load(url("link"))`

**Question 2:** Set your working directory and use absolute filepath to load data

- Download .Rdata using link from above
- Save .Rdata file in the recruiting folder (rclass/data/recruiting)
- View your current/working directory `getwd()`
- Use `setwd()` function to set your working directory to where .Rdata file is saved (rclass/data/recruiting)
- When setting working directory, use the absolute filepath
- Load the .Rdata file `load(name.Rdata)`
- Using the `names(data frame name)` function, report the names in this dataset (Hint: data frame name is `df_recruiting`)

**Question 3:** Set your working directory and use relative filepath to load data

- View your current/working directory `getwd()`

- Use `setwd()` function to set your working directory to where .Rdata file is saved (rclass/data/recruiting)
- When setting working directory, use the relative filepath
- Load the .Rdata file `load()`
- Report the names in this dataset (Hint: data frame name is `df_recruiting`)

**Question 4:** Load dataset using relative filepath without first changing working directory

- View your current/working directory `getwd()`
- Load data without setting directory `load(filepath/data.Rmd)`

**Knit to pdf** select the “Knit” tab (icon with blue yarn ball) or scroll down and “Knit to PDF”

- Submit both .Rmd and pdf to rclass website <https://ozanj.github.io/rclass/resources/> under week 1
- Use this naming convention “lastname\_firstname\_ps#”