Create a test R/Shiny application that allows user to examine a dataset.

The application works with “mt cars” – a built-in dataset that is available in “datasets” library for R.

Use sidebar layout.

# Done

* Create a data table that displays the mt cars dataset and a radio buttons input to filter table entries by the number of cylinders.

# Done. Thought it would be logical to add radiobutton which enables all cylinders  
# but since it wasn't specified in a task left it as it is.

* On the side panel there should also be a button, which when pressed displays a plot of mt cars and shows two select inputs to select variables that will be used as X and Y axes.

# Partially done, read below for the comments.

A list of required objects:

Side Panel:

Radio buttons input for the table

A button for the plot

# Done

Main Panel:

Data table with mt cars data (shown from the start)

# Done

A scatterplot of mt cars variables (shown after button press)

# Scatterplot built, but I didn't manage to make it simultaneously reactive to input changes from select inputs and event reactive to show only on button click. As it is now after selecting variables from select inputs it changes X and Y values but is not hidden. My guess was to replace selectedData() function with waitForClick() on line 49. This way I managed to hide scatterplot but lost reactiveness to changes in values for axes (select inputs). To solve this I need more time to learn how functions in R works.

Two select inputs to select variables for the plot (shown after button press)

# Select inputs are build but I haven't figured out how to hide them. My best guess was using shinyjs library.

Most of the information needed to complete the task can be found on R/Shiny website in the tutorials section: *shiny.rstudio.com*

The examples section of the website might also be helpful.

Contact me on Skype if there are any additional questions or some instructions need to be clarified.