Intro to Shiny - Practical 1

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```
# LOAD EXTERNAL PACKAGES, SCRIPTS AND DATA #
library(shiny)
library(ggplot2)
library(BristolVis)
###################
# USER INTERFACE #
##################
ui <- fluidPage(</pre>
 titlePanel(title = "Test"),
  # Define sidebar layout
 sidebarLayout(
   sidebarPanel(
     # Define number of observations to plot in the figure
     sliderInput(inputId = "numberofrowsplot",
                 label = "Number of rows to plot in figure",
                 value = 100,
                 min = 50,
                 max = 150),
     # Define number of observations to show in the table
     numericInput(inputId = "numberofrowstable",
                 label = "Number of rows to show in table",
                 value = 10,
                 min = 5,
                 max = 20,
                 step = 5)
   ),
   mainPanel(
     plotOutput("barPlot")
  )
##########
# SERVER #
##########
server <- function(input, output) {</pre>
  # Create plot object
  output$barPlot <- renderPlot({</pre>
   # Restrict the bmi dataset to the number of rows defined by the slider
   bmi2_plot <- head(x = bmi2,</pre>
                     n = input$numberofrowsplot)
   # Create plot using the restricted dataset
```