

# Code Along 8

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## Screenshot of application

```
knitr::include_graphics("app1_final.png")
```

### My Shiny App



p creates a paragraph of text.

Starts a new paragraph

**strong()** makes bold text. *em()* creates italicized (i.e, emphasized) text.

code displays your text similar to computer code

div creates segments of text with a similar style. This division of text is all blue because I p

'style=color:blue' to div

span does the same thing as div, but it works with groups of words that appear inside a p

## Visualizing data using “shiny”

## Creating an App and making edits

```
#User interface  
library(shiny)
```

```
## Warning: package 'shiny' was built under R version 4.2.3
```

```
# Define UI for app that draws a histogram ----  
ui <- fluidPage(  
  # App title ----  
  titlePanel("Hello World!"),  
  # Sidebar layout with input and output definitions ----  
  sidebarLayout(  
    # Sidebar panel for inputs ----  
    sidebarPanel(  
      # Input: Slider for the number of bins ----  
      sliderInput(inputId = "bins", label = "Number of bins:", min = 5, max = 50, value = 30)),  
    # Main panel for displaying outputs ----  
    mainPanel(  
      # Output: Histogram ----  
      plotOutput(outputId = "distPlot"))))  
  
# Define server logic required to draw a histogram ----  
server <- function(input, output) {  
  output$distPlot <- renderPlot({  
    x <- faithful$waiting  
    bins <- seq(min(x), max(x), length.out = input$bins + 1)  
    hist(x, breaks = bins, col = "#007bc2", border = "yellow",  
        xlab = "Waiting time to next eruption (in mins)",  
        main = "Histogram of waiting times")  
  })  
}
```