Code-along-Challenge-8

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2023-10-09

II. Code to edit and execute using the Code-along-challenge-8.Rmd file

A. Shiny

1. Installing Shiny package (Slide #6)

```
#run the commands in the console below instead of in the R markdown file if the CRAN mirror error pops up again

# r scripts can only take codes, rmd files can take texts & code

# A shiny script has 3 constants; key in under "help" in bottom right for more info (fluid page: configures input n output of dashboard, server: how input should be used n how output should look like, shiny app: define how the app looks like)

# sidebar layout: input one side, output another side

# look at app.R for other notes.

# For div(), basically you can insert all the text within div like this instead of typing it separately like you did in the R script.
# div(HTML(
        "Hello <b>abc</b> <em>This is italic</em>
        <image><>"
```

```
## [1] "Hello <b>abc</b> <em>This is italic</em>\n         <image><>"
```

```
    #))
```

2. Screenshots

```
knitr::include_graphics("Screenshot1.png")
```

```
# Main panel for displaying outputs ----
mainPanel(

  # Output: Histogram ----
  plotOutput(outputId = "distPlot"),

  h2("Edits made:"),

  strong("This is a histogram of waiting times."),

  p("The command value = 30 is for setting a default value."),

  p(em("After editing the command in the R script, always remember to save it first before typing runApp(display
     Remember to stop all programmes before running it.")),

  p(code("This helps to display code in the output.")),

  p(div("Divisions are useful.")),

  p("Note", span("span works similarly to div, but it works with groups of words instead.")),

  p("I inserted an image below for practice."),

  img(src = "flower-image.png", height = 400, width = 400)
```
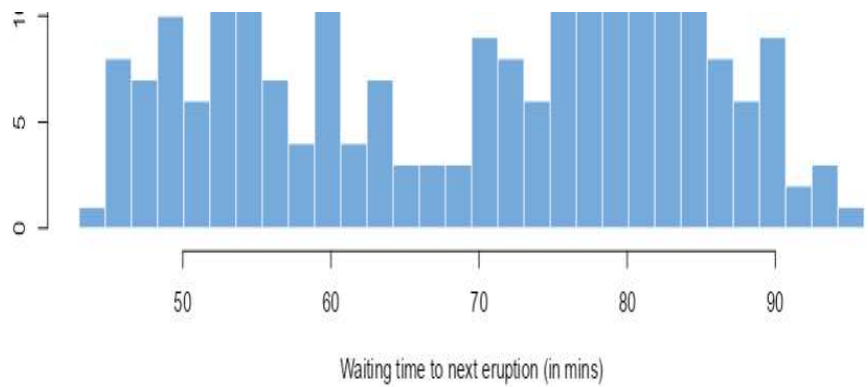
This is the screenshot for my edited R script.

```
knitr::include_graphics("Screenshot2.png")
```

Waiting time to next eruption (in mins)

Edits made:

This is a histogram of waiting times.
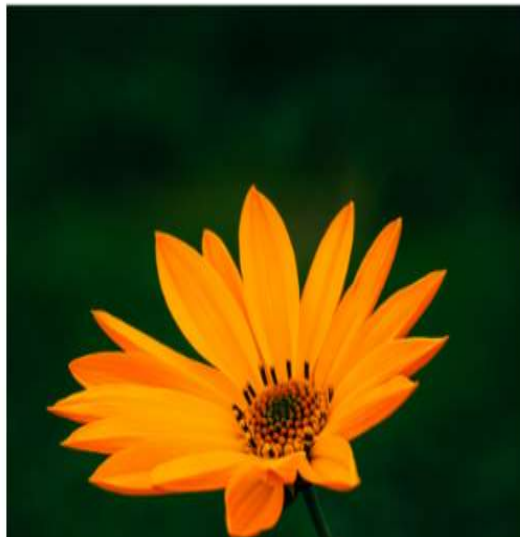
The command value = 30 is for setting a default value.

After editing the command in the R script, always remember to save it first before typing runApp(display.mode = 'showcase) in the console. Remember to stop all programmes before running it.

```
This helps to display code in the output.
```

Divisions are useful.

Note span works similarly to div, but it works with groups of words instead.

I inserted an image below for practice.

This is the screenshot for the edited output of my app.