SHINY UI

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LEVELS OF ABSTRACTION

High-level functions
fluidRow(..)

htmltools tags
div(class="row", ...)

Raw HTML markup
...

htmltools TAGS

```
> tags$a(href = "www.rstudio.com", "Rstudio")

<a href = "www.rstudio.com">Rstudio</a>
```

htmltools TAGS

```
h1(...)
h2(...)
h3(...)
h4(...)
h5(...)
h5(...)
```

```
div(...)
span(...)
img(...)
iframe(...)
video(...)
embed(...)
```

```
b(...)
em(...)
i(...)
strong(...)
pre(...)
script(...)
```

And more...

htmltools TAGS

```
h1(...)
h2(...)
h3(...)
h4(...)
h5(...)
h5(...)
```

```
div(...)
span(...)
img(...)
iframe(...)
video(...)
embed(...)
```

```
b(...)
em(...)
i(...)
strong(...)
pre(...)
script(...)
```

```
> names(tags)
```

NESTED TAGS

```
tags$ul(
    tags$li("item 1"),
    tags$li("item 2"),
    tags$li("item 3")
)
```



```
<ul>
  <li>item 1</li>
  <li>item 2</li>
  <li>item 3</li>
</ul>
```

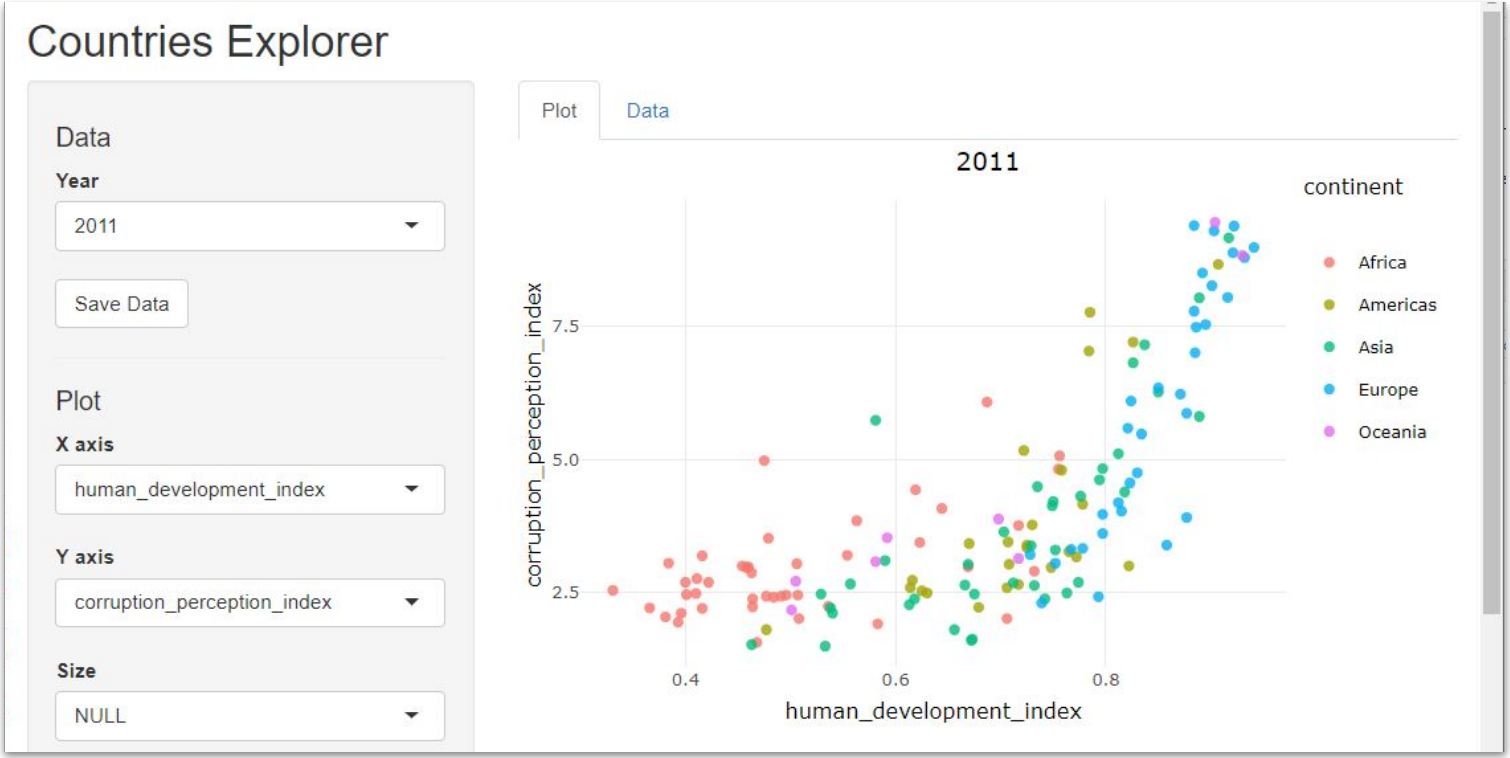
NESTED TAGS

```
tags$p("Corruption Perception Index data source:",
       tags$a("Transparency International",
              href = "http://www.transparency.org"))
```

```
<p>
  Corruption Perception Index data source:
  <a href="http://www.transparency.org">Transparency International</a>
</p>
```

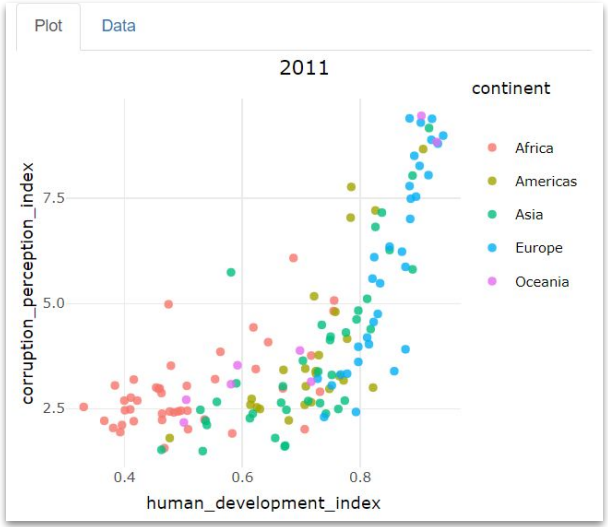
TABS

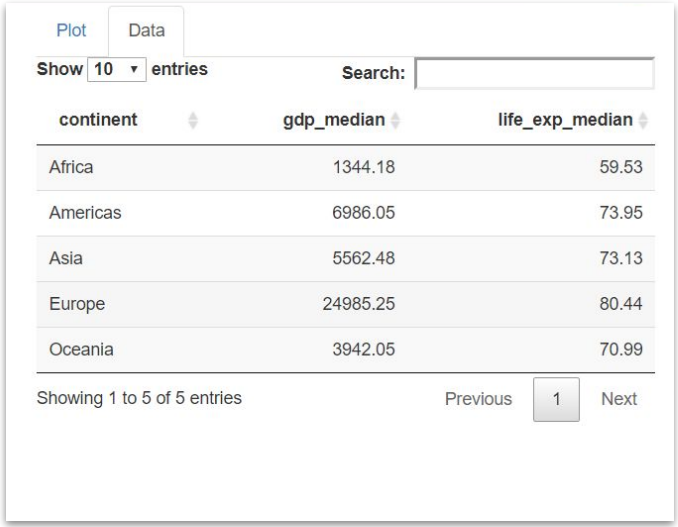
countries-18.R



TABS

```
tabsetPanel(type = "tabs",
                  tabPanel(title = "Plot",
                           plotlyOutput(outputId = "countries_scatter")),
                  tabPanel(title = "Data",
                           DT::dataTableOutput(outputId = "countries_table"))
      )
```

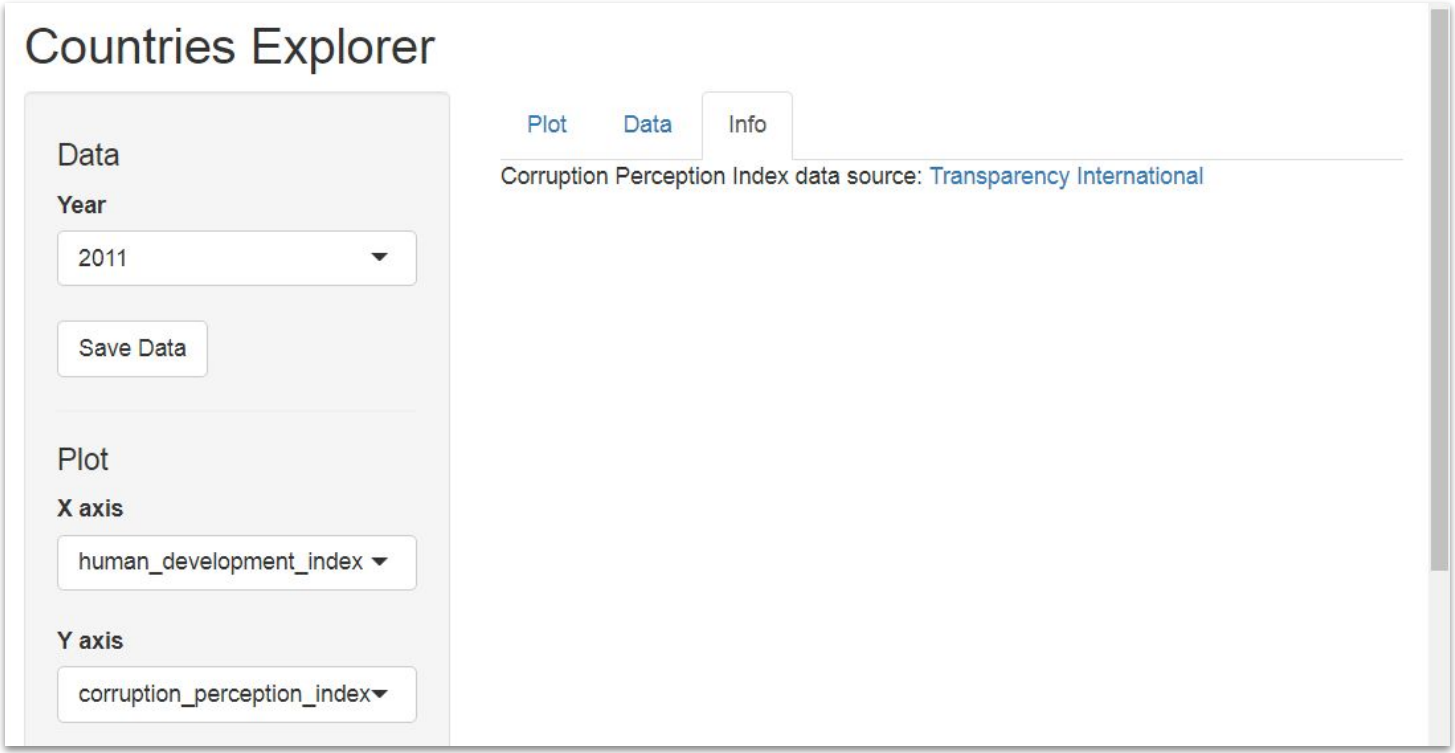




EXERCISE

- Open **countries-18.R.**
- Add a new tab with info about the app.

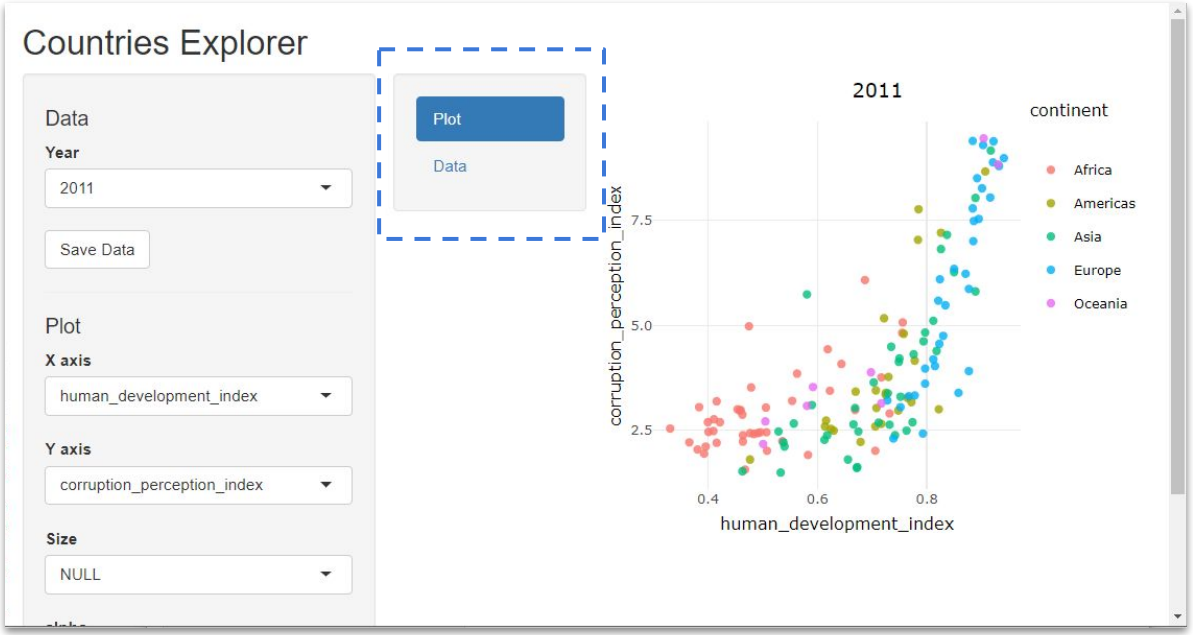
countries-19.R



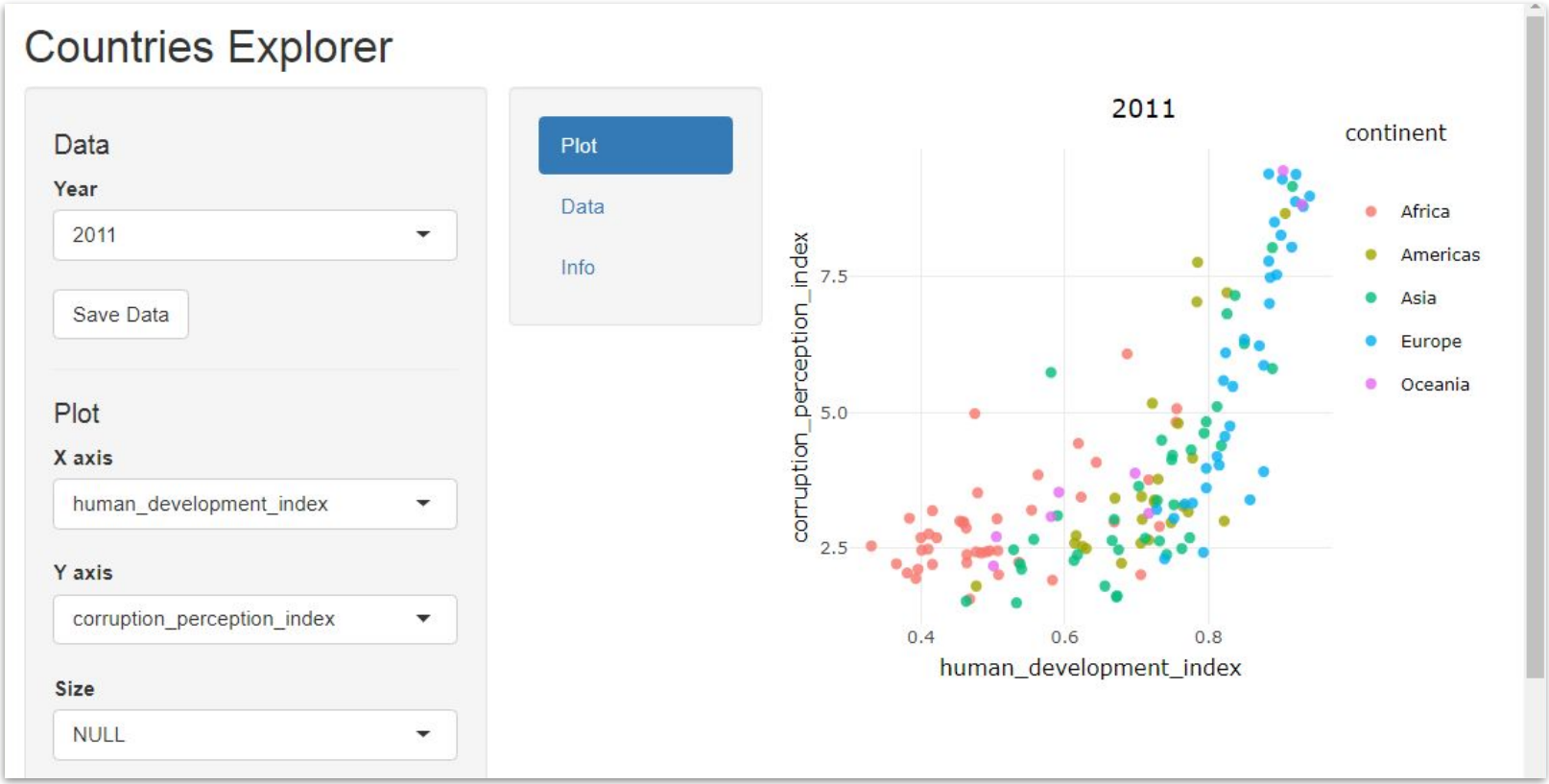
TABS

```
navlistPanel(
    ...
    ...
)
```

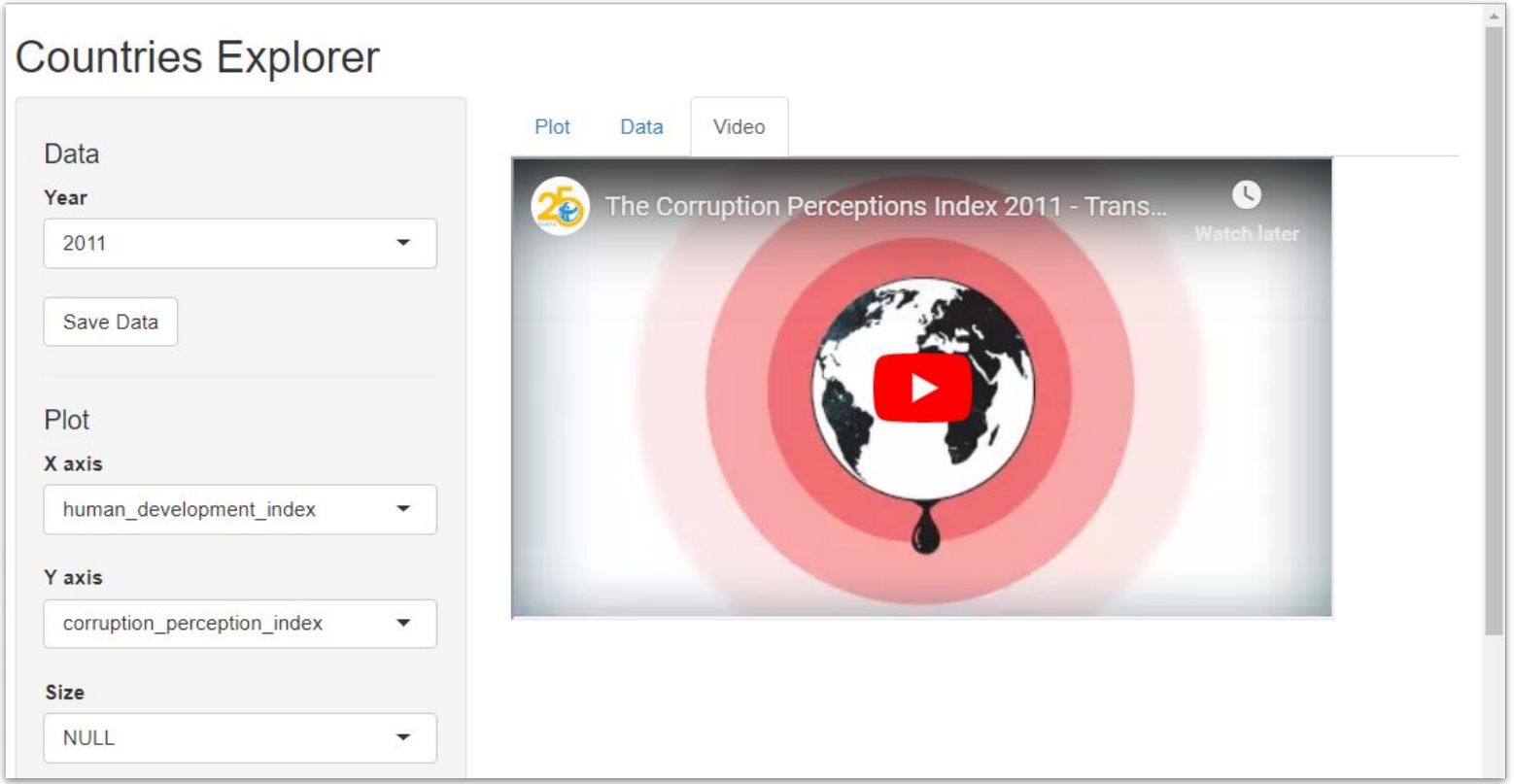
countries-20.R



countries-20.R



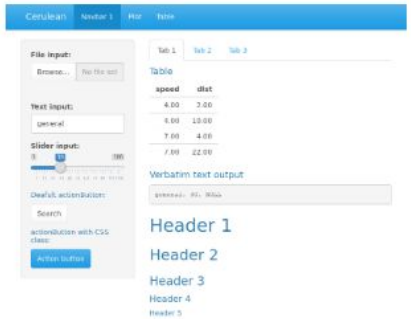
countries-21.R

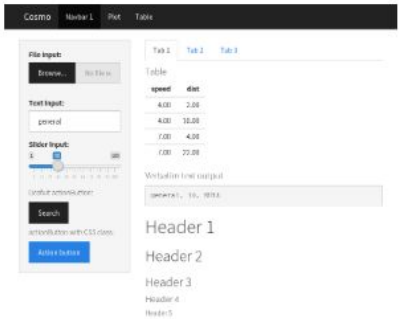


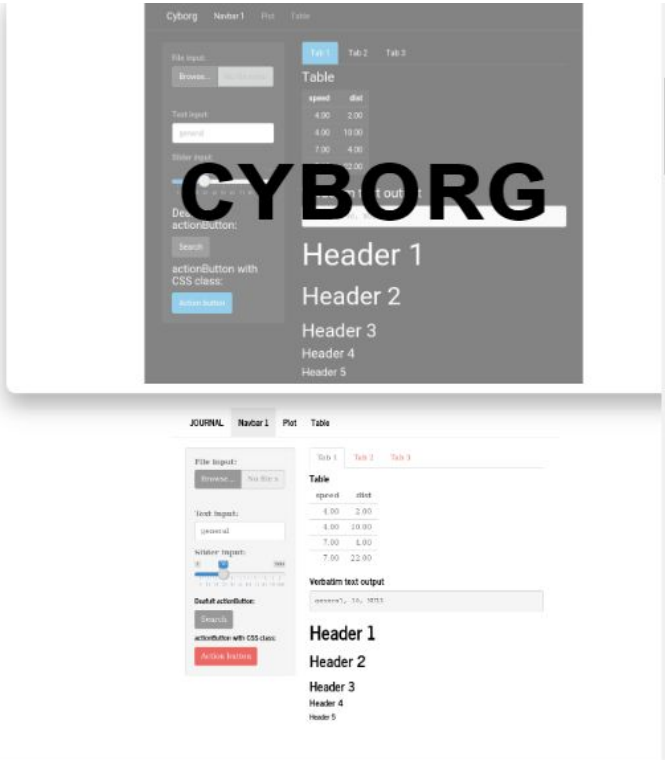
countries-22.R

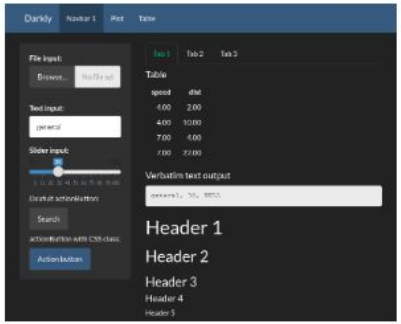
SHINY THEMES

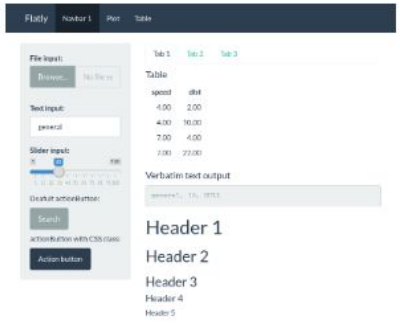
SHINY THEMES











https://rstudio.github.io/shinythemes/

SHINY THEMES

```
ui <- fluidPage(
  themeSelector(), ...
)
```