



BUILDING DASHBOARDS WITH SHINYDASHBOARD

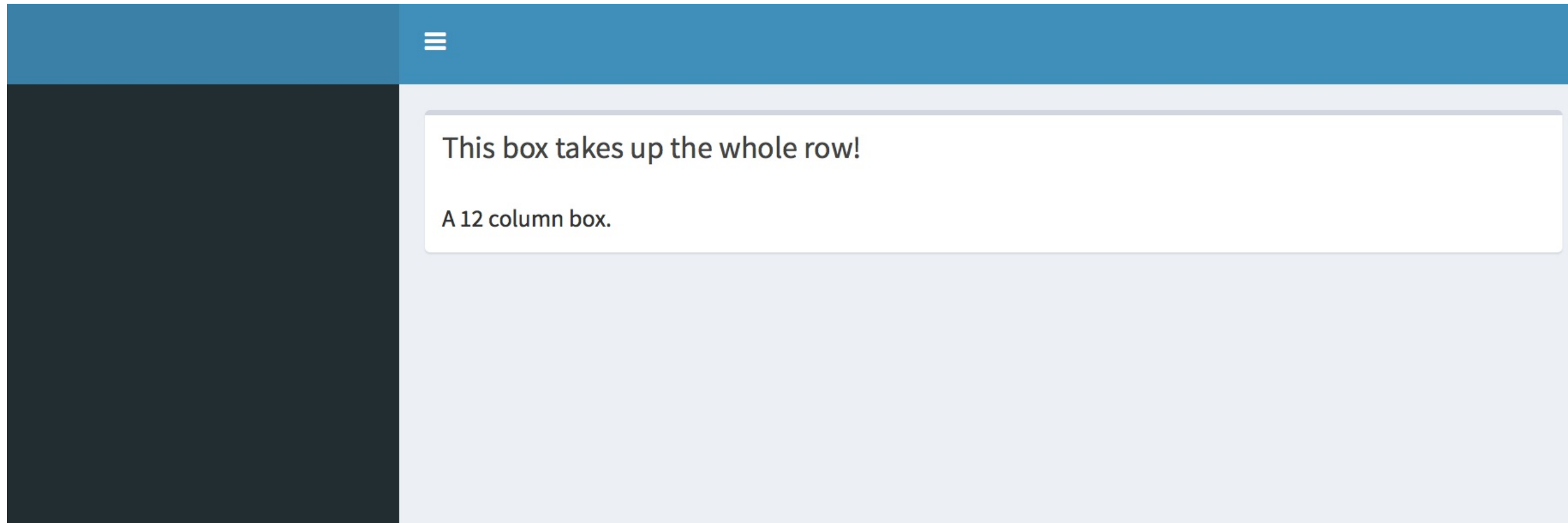
# Bootstrap explanation

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# Bootstrap Layout



```
box(  
  width = 12,  
  title = "This box takes up the whole row!",  
  "A 12 column box."  
)
```



# Bootstrap Layout

```
box(  
  width = 6,  
  title = "This box takes up half a row!",  
  "A 6 column box."  
)  
box(  
  width = 6,  
  title = "This box takes up half a row!",  
  "A 6 column box."  
)
```



# Layout Types

- Row-based layout
- Column-based layout
- Mixed layout



# Row-based layout

```
fluidRow(  
  box(  
    width = 6,  
    title = "This box takes up half a row!",  
    "A 6 column box."  
  ),  
  box(  
    width = 6,  
    title = "This box takes up half a row!",  
    "A 6 column box."  
  )  
)
```



# Column-based layout

```
fluidRow(  
  column(width = 6,  
    box(  
      width = NULL,  
      title = "This box takes up half a row!",  
      "A 6 column box."  
    )  
  ),  
  column(width = 6,  
    box(  
      width = NULL,  
      title = "This box takes up half a row!",  
      "A 6 column box."  
    )  
  )  
)
```



# Mixed Layout

```
fluidRow(
  box(
    width = 12,
    title = "This box takes up the whole row!",
    "A 12 column box."
  )
),
fluidRow(
  column(width = 6,
    box(
      width = NULL,
      title = "This box takes up half a row!",
      "A 6 column box."
    )
  ),
  column(width = 6,
    box(
      width = NULL,
      title = "This box takes up half a row!",
      "A 6 column box."
    )
  )
)
```



## BUILDING DASHBOARDS WITH SHINYDASHBOARD

**Let's practice!**





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# Customizing the appearance

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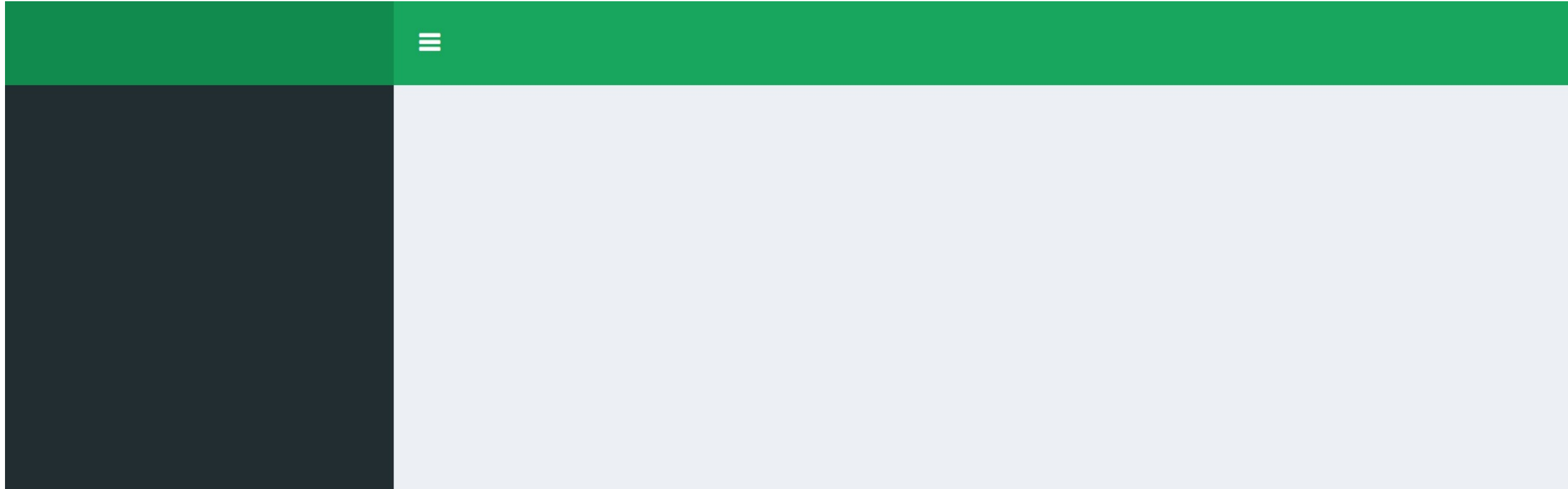


# Dashboard skins

- blue (*default*)
- black
- purple
- green
- red
- yellow



# Dashboard skins



```
dashboardPage(skin = "green",  
              header = header,  
              sidebar = sidebar,  
              body = body)
```



# CSS

```
dashboardBody(  
  tags$head(  
    tags$link(rel = "stylesheet",  
              type = "text/css",  
              href = "my_style.css")  
  )  
)
```



# CSS

```
dashboardBody(  
  tags$head(  
    tags$style(  
      HTML(''  
        \\CSS here  
      '' )  
    )  
  )  
)
```



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**Let's practice!**



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# Icons, statuses, colors

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# Icons

```
icon(name = "bicycle",  
      lib = "font-awesome")
```







# Icons

```
icon(name = "refresh",  
      class = "fa-5x fa-spin")
```





# Icons

- <http://fontawesome.io/icons/>
- <http://fontawesome.io/examples/>
- <https://getbootstrap.com/components/>



# Statuses

?validStatuses

- primary Dark blue
- success Green
- info Light blue
- warning Orange
- danger Red



# Colors

```
?validColors
```

- red
- yellow
- aqua
- blue
- light-blue



## BUILDING DASHBOARDS WITH SHINYDASHBOARD

**Let's add some flair to  
your dashboard!**