

Dashboards + Shiny I DPS

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sliderInput

```
sliderInput(inputId, label, min, max, value, step = NULL, round = FALSE,  
            format = NULL, locale = NULL, ticks = TRUE, animate = FALSE,  
            width = NULL, sep = ",", pre = NULL, post = NULL, timeFormat = NULL,  
            timezone = NULL, dragRange = TRUE)
```

- ▶ `n`: input a number
- ▶ `"N"`: label that is displayed on the slider
- ▶ `0, 100`: minimum and maximum of slider
- ▶ `20`: initial value of slider

Going back to our basic app: app.py

```
from shiny import App, render, ui

app_ui = ui.page_fluid(
    ui.panel_title("Hello Shiny!"),
    ui.input_slider("n", "N", 0, 100, 20),
    ui.output_text_verbatim("txt"),
)

def server(input, output, session):
    @render.text
    def txt():
        return f"n*2 is {input.n() * 2}"

app = App(app_ui, server)
```

Component: input slider

UI:

```
ui.input_slider("n", "N", 0, 100, 20)
```

Server:

```
@render.text
def txt():
    return f"n*2 is {input.n() * 2}"
```

- ▶ `n` on the UI side corresponds to `input.n()` on the server side
- ▶ `n` stores the value that the selected through the slider and passes it to `input.n()`