



# Minimal example

Say something?

## This is you saying it

You said 'Dublin R'. There are 8 characters in this.

#### minimal example – ui.R (1)

```
library(shiny)

shinyUI(pageWithSidebar(

  headerPanel("Minimal example"),

  sidebarPanel(

    textInput(inputId = "comment",
              label = "Say something?",
              value = ""
            )
  ),

  mainPanel(
    h3("This is you saying it"),
    textOutput("textDisplay")
  )

))
```

## minimal example – ui.R (2)

```
library(shiny)

shinyUI(pageWithSidebar(

  headerPanel("Minimal example"),

  sidebarPanel(

    textInput(inputId = "comment",
              label = "Say something?",
              value = ""
            )
  ),

  mainPanel(
    h3("This is you saying it"),
    textOutput("textDisplay")
  )

))
```



### minimal example – ui.R (3)

```
library(shiny)

shinyUI(pageWithSidebar(

headerPanel("Minimal example"),

sidebarPanel(
  # Shiny input function - Widgets Sliders etc
  # full list on CRAN pdf
  textInput(inputId = "comment",
            label = "Say something?",
            value = ""
            ),
),

mainPanel(
  h3("This is you saying it"), #HTML FUNCTION

  # Shiny output function

  textOutput("textDisplay")
)

))
```

#### minimal example – server.R (1)

```
library(shiny)

shinyServer(function(input, output) {

  output$textDisplay <- renderText({

    paste0("You said '", input$comment,
          "'.There are      ",
          nchar(input$comment),
          " characters in this.")

  })

})
```

#### minimal example – server.R (2)

```
library(shiny)
# load shiny at beginning at both scripts

shinyServer(function(input, output) {

  output$textDisplay <- renderText({

    #Normal R Code here
    paste0("You said '", input$comment,
           "'.There are      ",
           nchar(input$comment),
           " characters in this.")

  })

})
```

### minimal example – server.R (3)

```
library(shiny)

shinyServer(function(input, output) {

  # Shiny rendering function – renderText

  output$textDisplay <- renderText({#here

  # mark function as "reactive" and assign to
  # output$textDisplay for passing to ui.R

    paste0("You said '", input$comment,
           "'.There are      ",
           nchar(input$comment),
           " characters in this.")

  }) # and here

})
```



### minimal example – server.R (3)

```
library(shiny)

shinyServer(function(input, output) {

  output$textDisplay <- renderText({

    paste0("You said '", input$comment,
          "'.There are ",
          nchar(input$comment),
          " characters in this.")

  })

})
```

### **from ui.R**

```
sidebarPanel(

  textInput(inputId = "comment",
            label = "Say something?",
            value = ""
            )

)
```