

Week-8:Challenge

Ian Lee

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Customising Example 11 in Shiny App

Screenshot

From Example 11, I customised the text, added the milliseconds and lastly added a line of summation for timing

The time NOW!!! : 2023-10-11 20:08:50.85

Sum of hours, minutes, and seconds: 78.8500699996948

```
ui <- fluidPage(
  h2(textOutput("currentTime")),
  h3(textOutput("timeSum"))
)

server <- function(input, output, session) {

  current_time <- reactive({
    invalidateLater(500, session)
    Sys.time()
  })

  time_now <- reactive({
    t <- current_time()
    list(hour = hour(t), minute = minute(t), second = second(t))
  })

  output$currentTime <- renderText({
    paste("The time NOW!!! :", format(current_time(), "%Y-%m-%d %H:%M:%OS2"))
  })

  output$timeSum <- renderText({
    time_values <- time_now()
    time_sum <- sum(time_values$hour, time_values$minute, time_values$second)
    paste("Sum of hours, minutes, and seconds:", time_sum)
  })
}
```

```
  })  
}  
  
# Create Shiny app ----  
shinyApp(ui, server)
```