[Improving an app] Make the following app more concise, modular, and readable by using reactive expressions to capture duplicated computation and / or externalizing complex

computations into functions which are defined outside the server.

```{r}

library(shiny)

ui <- fluidPage(

titlePanel("Calculator"),

numericInput("x", "Enter the value of x", 0),

textOutput("f1"),

textOutput("f2"),

textOutput("f3")

)

server <- function(input, output) {

output$f1 <- renderText({ 3 \* input$x ^ 2 + 3})

output$f2 <- renderText({ sqrt(3 \* input$x ^ 2 + 3) - 5})

output$f3 <- renderText({ 30 \* input$x ^ 2 + 30})

}

shinyApp(ui, server)

```