```
# Load libraries
library(shiny)
library(tidyverse)

# Application Layout
shinyUI(

  fluidPage(
    br(),
    # TASK 1: Application title
    titlePanel("Title goes here"),
    p("Explore the difference between people who earn less than 50K and more
than 50K. You can filter the data by country, then explore various demogrphic
information."),

    # TASK 2: Add first fluidRow to select input for country
    fluidRow(
      column(12,
             wellPanel(selectInput("country", "Country",c("United-States",
"Canada", "Mexico", "Germany", "Philippines"))  # add select input
             )
    ),

    # TASK 3: Add second fluidRow to control how to plot the continuous
variables
    fluidRow(
      column(3,
             wellPanel(
               p("Select a continuous variable and graph type (histogram or
boxplot) to view on the right."),
               radioButtons("continuous_variable", "Continuous Variable",
c("age", "hours_per_week")), #Add a label. # add radio buttons for continuous
variables
               radioButtons("graph_type", "Graph Type",
c("histogram","boxplot")) #add label    # add radio buttons for chart type
               )
             ),
      column(9,
             plotOutput("p1"))  # add plot output
    ),

    # TASK 4: Add third fluidRow to control how to plot the categorical
variables
    fluidRow(
      column(3,
             wellPanel(
               p("Select a categorical variable to view bar chart on the
right. Use the check box to view a stacked bar chart to combine the income
levels into one graph. "),
               radioButtons("categorical_variable", "Categorical Variable",
c("education", "workclass", "sex")), #add label    # add radio buttons for
categorical variables
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               checkboxInput( "is_stacked", "Is Stacked", c("TRUE","FALSE"))
# add check box input for stacked bar chart option #if the checkbox is checked
then the bars will be stacked. Otherwise, they will be faceted and unstacked.
Add a label. The initial value can be either FALSE or TRUE.
               )
             ),
      column(9, plotOutput("p2"))  # add plot output
    )
  )
)
)
```