

Chapter 9 Module Quiz

Due 7 Jun at 23:59

Points 10

Questions 10

Available until 12 Jun at 23:59

Time limit None

Instructions

This is a graded quiz worth 1% of your course grade. The quiz covers the key learning objectives of Chapter 9.

Attempt history

	Attempt	Time	Score
LATEST	Attempt 1	1 minute	10 out of 10

Score for this quiz: **10** out of 10
Submitted 31 May at 3:00
This attempt took 1 minute.

Correct!

Question 1

1 / 1 pts

In which Shiny file do you generate your app's data visualisations?

☒ server.R

☐ ui.R

☐ global.R

☐ app.Rmd

Correct!

Question 2

1 / 1 pts

What is a potential limitation of Shiny?

☒ Requires a server

- ☐ Very difficult to code even if you know R
- ☐ Expensive
- ☐ Can only run a very limited number of R packages and functions

Question 3**1 / 1 pts**

Which limitation to Plotly does Shiny overcome?

Correct!

- ☒ A lack of statistical computation
- ☐ Slow interactive features
- ☐ Cheaper than Shiny
- ☐ Does not require a server

Question 4**1 / 1 pts**

Which one of the following statements best describes the `eventReactive()` function used in Shiny?

Correct!

- ☒ Binds a function to a reactive input so that the function only runs when a change in a reactive input is detected.
- ☐ Allows the server and ui to update each time a user changes an input.
- ☐ Enables the use of single file Shiny apps.
- ☐ Optimises server.R files to improve computational efficiency.

Question 5**1 / 1 pts**

What file name must be used for a single file Shiny app?

☐ global.R☐ server.R☐ ui.R☒ app.R**Correct!****Question 6****1 / 1 pts**

Which one of the following Shiny layout functions can organise multiple output plots into a series of windows which the user can click to view?

☒ tabPanel()☐ sidebarPanel()☐ navbarPage()☐ fluidPage()**Correct!****Question 7****1 / 1 pts**

Which one of the following Shiny layout functions can create separate and independent pages within an app?

☐ tabPanel()☒ navbarPage()**Correct!**

☐ sidebarPanel()☐ fluidPage()**Question 8****1 / 1 pts**

Which one of the following Shiny functions should not be included in your app?

☐ print()☒ install.packages()☐ library()☐ read.csv()**Correct!****Question 9****1 / 1 pts**

Which one of the following is a common reason why apps don't deploy?

☒ Packages and data required by the app are not loaded in the server.☐ R Packages that do not belong to Shiny are used.☐ Shiny does not work with Leaflet.☐ The app is too complex.**Correct!****Question 10****1 / 1 pts**

In which Shiny file do you code your user input functions?

Correct!☐ global.R☒ ui.R☐ app.Rmd☐ server.RQuiz score: **10** out of 10