Question 1

1/1 point (graded)

Why might you want to create a report using R Markdown?

○ R Markdown has better spell-checking tools than other word processors.

◉ R Markdown allows you to automatically add figures to the final document.

○ R Markdown final reports have smaller file sizes than Word documents.

○ R Markdown documents look identical to the final report.

✔

Answer
Correct:
R Markdown automatically adds figures to the final document, along with any text describing your project.

Explanation
R Markdown automatically adds figures to the final document, along with any text describing your project.

Submit	You have used 1 of 2 attempts

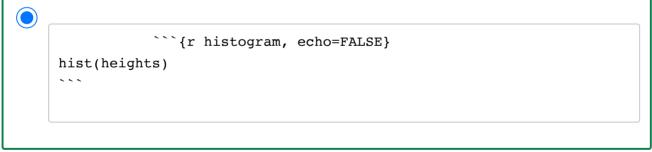ⓘ Answers are displayed within the problem

Question 2

1/1 point (graded)

You have a vector of student heights called `heights`. You want to generate a histogram of these heights in a final report, but you don't want the code to show up in the final report. You want to name the R chunk "histogram" so that

you can easily find the chunk later.

Which of the following R chunks does everything you want it to do?

```
```{r, histogram, message=FALSE}
hist(heights)
```
```

```
```{r histogram, warning=FALSE}
hist(heights)
```
```

```
```{r, echo=FALSE}
hist(heights)
```
```

```
```{r histogram, echo=FALSE}
hist(heights)
```
```

✔

Answer
Correct:
This chunk is named "histogram" and plots a histogram of the values in the `heights` vector. The argument `echo=FALSE` prevents the code from appearing in the final document, but the figure will be included.

Explanation
This chunk is named "histogram" and plots a histogram of the values in the `heights` vector. The argument `echo=FALSE` prevents the code from appearing in the final document, but the figure will be included.

ⓘ Answers are displayed within the problem

Question 3

1/1 point (graded)

Below is a section of R Markdown code that generates a report.

```
    ---
title: "Final Grade Distribution"
output: pdf_document
---
```{r, echo=FALSE}
load(file="my_data.Rmd")
summary(grades)
```
```

Select the statement that describes the file report generated by the R markdown code above.

- 🔘 A PDF document called "Final Grade Distribution" that prints a summary of the "grades" object. The code to load the file and produce the summary will not be included in the final report.

- ⚪ A PDF document called "Final Grade Distribution" that prints a summary of the "grades" object. The code to load the file and produce the summary will be included in the final report.

- ⚪ An HTML document called "Final Grade Distribution" that prints a summary of the "grades" object. The code to load the file and produce the summary will not be included in the final report.

- ⚪ A PDF document called "Final Grade Distribution" that is empty because the argument `echo=FALSE` was used.

✔

Answer

Correct:
The `title` and `output` specify the name and type of report to be generated. The `summary` command produces a summary of the object and `echo=FALSE` means that the code will not appear in the final report, only the output of the summary.

Explanation

The `title` and `output` specify the name and type of report to be generated. The `summary` command produces a summary of the object and `echo=FALSE` means that the code will not appear in the final report, only the output of the summary.

Submit   You have used 1 of 2 attempts

ⓘ   Answers are displayed within the problem

Question 4

1/1 point (graded)
The user specifies the output file format of the final report when using R Markdown.

Which of the following file types is NOT an option for the final output?

◉ .rmd

○ .pdf

○ .doc

○ .html

✔

Answer
Correct:
The .Rmd files are the R Markdown files themselves, not the final reports.

Submit   You have used 1 of 2 attempts

Question 5

1/1 point (graded)

```
     ```{r, echo=F}
n <- nrow(mtcars)
```

Here `r n` cars are compared
```

What will be the output for the above Rmarkdown file when knit to HTML?

- ⦿ The only output is the text: `Here 32 cars are compared` .

- ◯ Since we have `echo=F` , the code chunk is not evaluated, therefore we will have both the code and the text: `Here `r n` cars are compared` .

- ◯ The code will be displayed as well as `Here 32 cars are compared` .

- ◯ R cannot comprehend the value of n, we will get an error.

✔

| Submit | You have used 1 of 2 attempts |