

Understand basic programming concepts

Explore coding in R

Learning about R packages

Explore the tidyverse

Weekly challenge 2

- 📖

Reading: Glossary: Terms and definitions
5 min
- 📝

Quiz: Weekly challenge 2
8 questions

✔ Congratulations! You passed!

Grade received 93.75%

Latest Submission Grade 93.75%

Quiz • 40 min

To pass 80% or higher

Go to next item

Review Learning Objectives

1. Which of the following are examples of variable names that can be used in R? Select all that apply. 1 / 1 point

- ☐ 21_alpha
- ☐ _21alpha
- ☒ alpha_21

✔ Correct

☒ alpha21

✔ Correct

👍 Like

🗨 Dislike

🚩 Report an issue

2. You want to create a vector with the values 12, 23, 51, in that exact order. After specifying the variable, what R code chunk lets you create the vector? 1 / 1 point

- ☒ c(12, 23, 51)
- ☐ c(51, 23, 12)
- ☐ v(12, 23, 51)
- ☐ v(51, 23, 12)

✔ Correct

3. A data analyst wants to create the date February 27th, 2027 using the lubridate functions. Which of the following are examples of code that would create this value? Select all that apply. 0.5 / 1 point

☒ ymd("2027-02-27")

✔ Correct

☐ mdy(02272027)

☒ mdy("2027-02-27")

☒ This should not be selected
Review [the reading on dates and times](#) [↗](#).

☐ dmy(02272027)

4. A data analyst inputs the following code in RStudio: sales_1 <- (3500.00 * 12) Which of the following types of operators does the analyst use in the code? Select all that apply. 1 / 1 point

☒ Assignment

✔ Correct

☐ Logical

☒ Arithmetic

✔ Correct

☐ Relational

5. Which of the following variables have names that follow widely accepted naming convention rules? Select all that apply. 1 / 1 point

☒ plum_total_1

✔ Correct

☐ 1_plum_total

☒ total_plums

✔ Correct

☐ *totalplums*

6. R packages include sample datasets. They also include reusable R functions and documentation about how to use the functions. 1 / 1 point

☒ True

☐ False

✔ Correct

7. Packages installed in RStudio are called from CRAN. CRAN is an online archive with R packages and other R-related resources. 1 / 1 point

☒ True

☐ False

✔ Correct

8. When programming in R, what is a pipe used as an alternative for? 1 / 1 point

☐ Variable

☒ Nested function

☐ Vector

☐ Installed package

✔ Correct