

- ▶ Welcome!
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- ▶ Module 1 - R basics
- ▶ Module 2 - Data structures in R

▼ Module 3 - R programming fundamentals

Learning Objectives

Conditions and Loops (4:43)

Lab - Conditions and Loops

Functions in R (5:55)

Lab - Functions in R

Objects and Classes (3:25)

Lab - Objects and Classes

Debugging (3:34)

Lab - Debugging

Graded Review Questions

Review Questions



- ▶ Module 4 - Working with data in R
- ▶ Module 5 - Strings and Dates in R
- ▶ Course Summary
- ▶ Final Exam
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Graded Review Questions Instructions

1. Time allowed: **Unlimited**

- We encourage you to go back and review the materials to find the right answer
- Please remember that the Review Questions are worth 50% of your final mark.

2. Attempts per question:

- One attempt - For True/False questions
- Two attempts - For any question other than True/False

3. Clicking the "**Final Check**" button when it appears, means your submission is **FINAL**. You will **NOT** be able to resubmit your answer for that question ever again

4. Check your grades in the course at any time by clicking on the "Progress" tab

REVIEW QUESTION 1 (1/1 point)

What output will the following produce?

```
chance_precipitation <- 0.80
if( chance_precipitation > 0.5 ) {
  print("Bring an umbrella") } else {
  print("Don't bring an umbrella")}
```

- ☐ "Thunderstorm warning"
- ☐ "Don't bring an umbrella"
- ☒ "Bring an umbrella" ✓
- ☐ Some sort of error

You have used 2 of 2 submissions

REVIEW QUESTION 2 (1/1 point)

Which of the following statements are true?

☒ Using `return()` when writing a function is optional when you just want the result of the last line in the function to be the output of the function.

☐ Using `return()` when writing a function is necessary even when you just want the result of the last line in the function to be the output of the function.

☒ Using `return()` is useful when you want to produce outputs based on different conditions.

☐ Using `return()` serves no purpose when you want to produce outputs based on different conditions.



You have used 2 of 2 submissions

REVIEW QUESTION 3 (1/1 point)

Which of the following would you use to check the class of the object, `myobject` ?

☒ `class(myobject)` ✓

☐ `type(myobject)`

☐ `class(object)`

☐ `class[myobject]`

You have used 2 of 2 submissions