

- Welcome!
- About this course
- Module 1 - R basics

## ▼ Module 2 - Data structures in R

Learning Objectives


Arrays and Matrices (3:07)

Lab - Arrays & Matrices

Lists (2:41)

Data Frames (3:41)

Lab - Lists & Dataframes

**Graded Review Questions**  
 Review Questions 

- Module 3 - R programming fundamentals
- Module 4 - Working with data in R
- Module 5 - Strings and Dates in R
- Course Summary
- Final Exam
- Course Survey and Feedback
- Completion Certificate

## 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 point possible)

Give a 5 x 5 matrix object, `movies`, how would you retrieve the bottom-left item?

☒ `movies[1,5]` 

☐ `movies(5,5)`

☐ `movies[5,1]`

☐ `movies[5,5]`

☐ `movies["bottom-left"]`

*You have used 2 of 2 submissions*

## MULTIPLE CHOICE (1/1 point)

REVIEW QUESTION 2

Below we create a list for a student and his info. Select all the correct options can we use to retrieve his courses?

```
john <- list("studentid" = 9, "age" = 18, "courses" = c("Data Science 101", "Data Science Methodology"
```

☐ `john["courses"]`

☐ `john[3]`

☐ `john$courses`

☒ All the above options are correct 

*You have used 2 of 2 submissions*

Select the correct code from the following options which produces the following result?

```
student id
1  john  1
2  mary  2
```

☒ `data.frame("student" = c("john", "mary"), "id" = c(1, 2))` ✓

☐ `array("student" = c("john", "mary"), "id" = c(1, 2))`

☐ `data.frame(c("john", "mary"), c(1, 2))`

☐ `data.frame(student = c(john, mary), id = c(1, 2))`

☐ `list("student" = c("john", "mary"), "id" = c(1, 2))`

*You have used 2 of 2 submissions*