✖

Quiz 3

✖   3/4 questions correct

You haven't passed yet. You need at least 4 questions
correct to pass.
Review the material and try again! You have 3 attempts
every 8 hours.

Review Related Lesson (/learn/data-products/home/week/3)

✔ 1.

Which of the following items is required for an R package to pass R
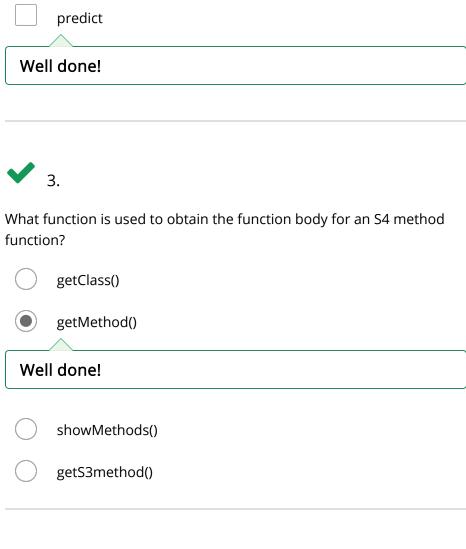CMD check without any warnings or errors?

☐   a demo directory

Well done!

☐   unit tests

Well done!

☐   vignette

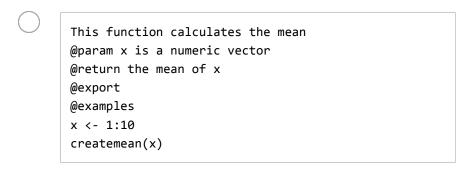**Well done!**

☐   example data sets

> **Well done!**

✓ An explicit software license

> **Well done!**
> One way to answer this question is start with an existing R package and start removing things one by one.

❌ 2.

Which of the following is a generic function in a fresh installation of R, with only the default packages loaded?

☐ lm

> **Well done!**

✓ show

> **Well done!**

☐ mean

> Sorry, that's incorrect.

✓ colSums

> Sorry, that's incorrect.

✓ dgamma

> Sorry, that's incorrect.

☐   predict

> **Well done!**

✔ 3.

What function is used to obtain the function body for an S4 method function?

○   getClass()

⦿   getMethod()

> **Well done!**

○   showMethods()

○   getS3method()

✔ 4.

Please download the R package DDPQuiz3 (https://d396qusza40orc.cloudfront.net/devdataprod/DDPQuiz3_1.0.zip) from the course web site. Examine the **createmean** function implemented in the R/ sub-directory. What is the appropriate text to place above the **createmean** function for Roxygen2 to create a complete help file?

○
```
This function calculates the mean
@param x is a numeric vector
@return the mean of x
@export
@examples
x <- 1:10
createmean(x)
```

○
```
#' This function calculates the mean
#'
#' @param x is a numeric vector
#' @return the mean of x
#' @export
#' @examples
#' x <- 1:10
#' createmean(y)
```

○
```
#' This function calculates the mean
#'
#' @return the mean of x
#' @export
#' @examples
#' x <- 1:10
#' createmean(x)
```

◉
```
#' This function calculates the mean
#'
#' @param x is a numeric vector
#' @return the mean of x
#' @export
#' @examples
#' x <- 1:10
#' createmean(x)
```

Well done!

👍   👎   🏳