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?

- [ ] unit tests

Well done!

- [ ] a demo directory

Well done!

- [x] 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.

- [ ] example data sets

Well done!

- [ ] vignette

Well done!

✖ 2.

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

- [x] lm

Sorry, that's incorrect.

- [ ] colSums

Well done!

- [ ] show

Sorry, that's incorrect.

- [ ] predict

Sorry, that's incorrect.

- [ ] dgamma

Well done!

- [ ] mean

Well done!

✔ 3.

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

- ( ) showMethods()
- (•) getMethod()

Well done!

- ( ) getS3method()
- ( ) getClass()

✔ 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)
```

Well done!

```
#' 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)
```