Quiz 3

2.8/4 points earned (70%)

You haven't passed yet. You need at least 80% to pass.
Review the material and try again! You have 3 attempts every 8 hours.

Review Related Lesson

0.8 / 1
points

1.
Which of the following items is required for an R package to pass R CMD check without any warnings or errors?

- [ ] unit tests

Incorrect Response

- [x] example data sets

Correct Response

- [x] vignette

Correct Response

- [x] a demo directory

Correct Response

- [x] An explicit software license

Correct Response
One way to answer this question is start with an existing R package and start removing things one by one.

1 / 1 points

2.
Which of the following is a generic function in a fresh installation of R, with only the default packages loaded? (Select all that apply)

- [x] colSums

Correct Response

- [x] lm

Correct Response

- [x] predict

Correct Response

- [x] mean

Correct Response

- [x] show

Correct Response

- [x] dgamma

Correct Response

0 / 1 points

3.

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

- showMethods()

Incorrect Response

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

1 / 1 points

4.

Please download the R package DDPQuiz3 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
#'
#' @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
#'
#' @param x is a numeric vector
#' @return the mean of x
#' @export
#' @examples
#' x <- 1:10
#' createmean(x)
```

Correct Response