Package 'mypackage2'

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Title Demo Package as an Example

Version 0.0.0.9000

Description his package is used as a demo for a simple package for the course MATH 3190 at Southern Utah University.

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URL https://github.com/rbrown53/mypackage2

Encoding UTF-8

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Depends R (>= 2.10),
ggplot2

Imports magrittr,
tidyverse

LazyData true

Suggests knitr,
rmarkdown

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VignetteBuilder knitr

R topics documented:

add *This is my addition function*

Description

This is my addition function

Usage

```
add(x, y)
```

Arguments

x	this is the first value to add
y	this is the second value to add

Value

This function returns the sum of x and y

Examples

```
## Start with something simple
add(1,1)

## Now something more difficult
add(49,60)
```

cranes *Cranes Data Set*

Description

This data set contains information on the number of cranes at Aransas National Wildlife Refuge in Austwell, Texas by year from 1938 to 2016.

Usage

```
cranes
```

Format

A data frame with 2 variables: `cranes` and `year`.

ggraph *Create a quick scatter plot in ggplot.*

Description

This will graph two given vectors in a ggplot-style scatter plot with the x-axis labeled "x" and the y-axis labeled "y".

Usage

```
ggraph(x, y, point_color = "black", point_size = 1.5, point_shape = 19)
```

Arguments

x	This is the first vector to be plotted.
y	This is the first vector to be plotted.
point_color	This is the color of the points that will be plotted.
point_size	This is the size of the points that will be plotted. The default is size 1.5.
point_shape	This is the shape of the points that will be plotted. The default is 19: a filled circle.

Value

This function returns a ggplot scatter plot object.

Examples

```
## Create a scatter plot of y vs x.
x <- rnorm(100)
y <- x + rnorm(100, 0, 0.3)
ggraph(x, y)
```

hello *This is my hello function. There are no parameters.*

Description

This is my hello function. There are no parameters.

Usage

```
hello()
```

Value

This function returns the message "hello world".

Examples

```
## This is the only thing this function does.
hello()
```

`subtract` *This is my subtract function*

Description

This is my subtract function

Usage

```
subtract(x, y)
```

Arguments

x	this is the first value
y	this is the second value to subtract

Value

This function returns the difference of x and y

Examples

```
## Start with something simple
subtract(1, 1)

## Now something more difficult
subtract(49, 60)
```

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