vignette

```
library(SimpLin)
```

SimpLinR

This is the only function in the package. It is a simple linear regression function that takes in two vectors, x and y, and returns the slope and intercept of the line of best fit. Also, their corresponding standard errors and 95% confidence intervals, residuals, and predicted values. All of these are in a List.

```
SimpLinR(x, y)
```
- x: A numeric vector of the independent variable.
- y: A numeric vector of the dependent variable.

```
x <- rnorm(10)
b0 <- 2
b1 <- 3
y <- b0 + b1 * x + rnorm(10)

fit <- SimpLinR(x, y)
```