

FunctionsAndScripting

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R Markdown

Learning how to use functions: Resources Referred: <https://www.datamentor.io/r-programming/function/>, <https://swcarpentry.github.io/r-novice-inflammation/02-func-R/>

```
pow <- function(x, y) {  
  # function to print x raised to the power y  
  result <- x^y  
  print(paste(x,"raised to the power", y, "is", result))  
}
```

```
pow(8, 2)
```

```
## [1] "8 raised to the power 2 is 64"
```

```
pow <- function(x, y = 2) {  
  # function to print x raised to the power y  
  result <- x^y  
  print(paste(x,"raised to the power", y, "is", result))  
}
```

```
pow(2)
```

```
## [1] "2 raised to the power 2 is 4"
```

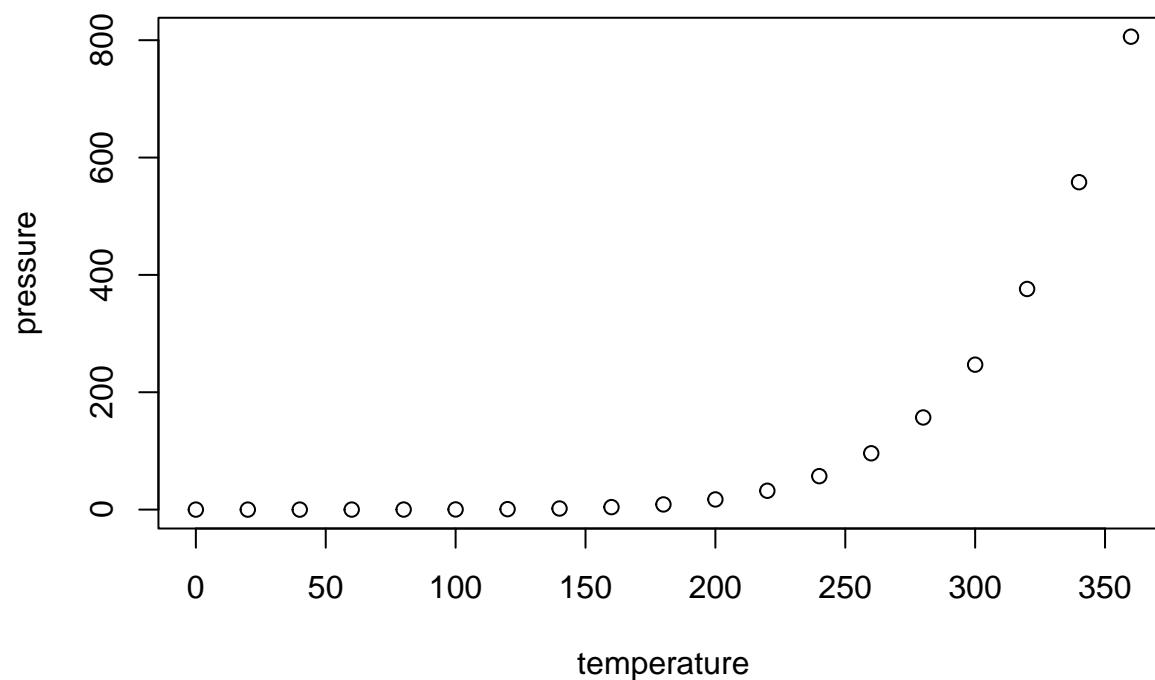
```
input_1 <- 20  
mySum <- function(input_1, input_2 = 10) {  
  output <- input_1 + input_2  
  return(output)  
}
```

```
mySum(2)
```

```
## [1] 12
```

Including Plots

You can also embed plots, for example:



Note that the `echo = FALSE` parameter was added to the code chunk to prevent printing of the R code that generated the plot.