first_rmd

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R Markdown

This is an R Markdown document. Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word documents. For more details on using R Markdown see http://rmarkdown.rstudio.com.

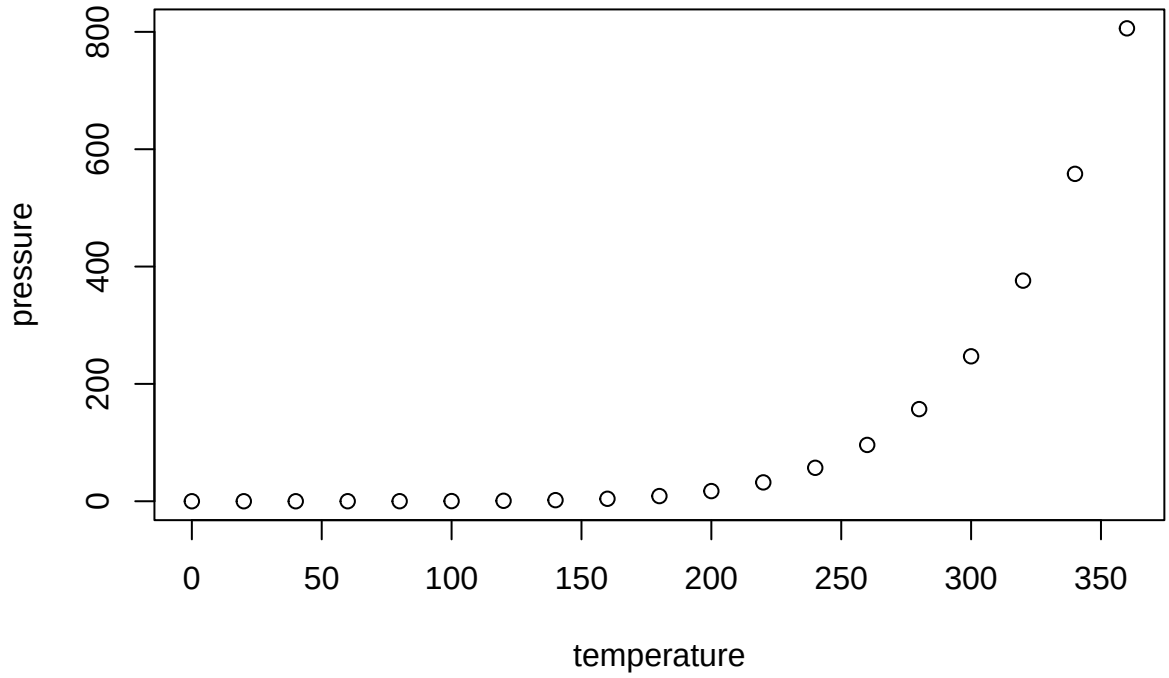
When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
summary(cars)
```

```
##      speed           dist       
##  Min.   : 4.0   Min.   :  2.00  
##  1st Qu.:12.0   1st Qu.: 26.00  
##  Median :15.0   Median : 36.00  
##  Mean   :15.4   Mean   : 42.98  
##  3rd Qu.:19.0   3rd Qu.: 56.00  
##  Max.   :25.0   Max.   :120.00
```

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.

Program1

```
number <- as.integer(readline("Enter a number: "))
```

```
## Enter a number:
```

```
if (isTRUE(number %%2 == 0)==TRUE){
  cat(number, "is even number \n ")
}else{
  cat(number, "is odd number \n ")
}
```

```
## NA is odd number
##
```

Program 2

```
num1 <- as.numeric(readline('Enter a number: '))
```

```
## Enter a number:
```

```r
num2 <- as.numeric(readline("Eneter a number 2: "))
```

```
## Eneter a number 2:
```

```r
operation<- readline("Enter the operation you need (+,-,*,/): ")
```

```
## Enter the operation you need (+,-,*,/):
```

```r
if (operation == '+'){
  result = num1 + num2
  cat("Addtion of", num1 ,"and", num2 , "is", result)
} else if (operation == '-'){
  result = num1 - num2
  cat("Sub of", num1 ,"and", num2 , "is", result)
}else if (operation == '*'){
  result = num1 * num2
  cat("Mul of", num1 ,"and", num2 , "is", result)
}else if (operation == '/'){
  result = num1 / num2
  cat("Div of", num1 ,"and", num2 , "is", result)
}
```

Program 3

```r
num1 <- as.numeric(readline('Enter a number1: '))
```

```
## Enter a number1:
```

```r
num2 <- as.numeric(readline("Eneter a number 2: "))
```

```
## Eneter a number 2:
```

```r
max_function <- function() {

  max_number <- max(num1, num2)
  return(max_number)
}

max_function()
```

```
## [1] NA
```