

# Introductin to Programming: R Assignment

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*2014/11/26 Wed*

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:

```
library(FibonacciSeq)
fibonacciSeq()
```

```
## [1] "This is a Fibonacci Sequence Assignment for R"
```

```
## [1] 0
```

```
fibonacciSeq(20)
```

```
## [1] "This is a Fibonacci Sequence Assignment for R"
```

```
## [1] 0 1 1 2 3 5 8 13 21 34 55 89 144 233
## [15] 377 610 987 1597 2584 4181 6765
```

```
fibonacciSeq(-1)
```

```
## [1] "This is a Fibonacci Sequence Assignment for R"
```

```
## [1] "Input cannot less than 0."
```

```
fibonacciSeq(51)
```

```
## [1] "This is a Fibonacci Sequence Assignment for R"
```

```
## [1] "exceeded maximum."
```

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