Exercises, Chapter 2

Exercise 2.1

```
100 * ( 1 + (0.05 / 12) )^24
```

```
## [1] 110.4941
```

Exercise 2.2

```
5 %% 2
```

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

Exercise 2.3

```
3333 %% 222
```

```
## [1] 3
```

Exercise 2.4

```
domainValues<-10^(c(1:10))
# avoid scientific notation
options(scipen=1000)
# increase significant digits
options(digits=22)
# applying formula
rangeValues<- ( 1 + 1/domainValues)^domainValues
# force output to a single column of values
options(width=40)
rangeValues
```

```
##  [1] 2.593742460100002311663
##  [2] 2.704813829421528481589
##  [3] 2.716923932235593586171
##  [4] 2.718145926824925506793
##  [5] 2.718268237192297487326
##  [6] 2.718280469095753382192
##  [7] 2.718281694132081760529
##  [8] 2.718281798347357725021
##  [9] 2.718282052011560256943
## [10] 2.718282053234787554175
```