Will Squires

DS710

R Programming Assignment

Homework 1

**1.0:** R version 3.1.2 (2014-10-31) -- "Pumpkin Helmet"

**1.1:** > 2015^(1/2)

[1] 44.88875

**1.2** > abs(5.7-6.8)/.58

[1] 1.896552

**1.3** > a = 1:12

> a #(this will print a, so you can paste it into your homework; do this each time)

[1] 1 2 3 4 5 6 7 8 9 10 11 12

**1.4** > b = c(1, 3, 5, 7, 9, 11)

> b

[1] 1 3 5 7 9 11

**1.5** > c = seq(1,11, 2)

> c

[1] 1 3 5 7 9 11

**1.6** > ln.a = log(a)

> ln.a

[1] 0.0000000 0.6931472 1.0986123 1.3862944 1.6094379 1.7917595 1.9459101 2.0794415 2.1972246 2.3025851 2.3978953 2.4849066

**1.7** > c = seq(1,11, 2)^2

> c

[1] 1 9 25 49 81 121

**1.8** sd computes the standard deviation of the vector passed in as an argument

1.9 > Name = "Will"

> paste("My name is", Name)

[1] "My name is Will"