**DS 710**

**R Programming Assignment Solutions**

1.0 R version 3.2.4 Revised (2016-03-16 r70336) -- "Very Secure Dishes"

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Platform: x86\_64-w64-mingw32/x64 (64-bit) **#I’m assuming this is a more current version**

1.1 > 2015^(1/3)

[1] 12.63063

1.2 > abs(5.7-6.8)/.58

[1] 1.896552

1.3 > a = 1:12

> a

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

[11] 11 12

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

> b

[1] 1 3 5 7 9 1

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

[4] 1.3862944 1.6094379 1.7917595

[7] 1.9459101 2.0794415 2.1972246

[10] 2.3025851 2.3978953 2.4849066

1.7 > b\_sqrd = b^2

> b\_sqrd

[1] 1 9 25 49 81 121

1.8 By using ?sd, R pulled up a help box for Standard Deviation. This gives all of the information about the sd function. Therefor, if you precede a function with “?”, you will get a help page for that function.

1.9 > Name = "Lucas"

> paste("My name is", Name)

[1] "My name is Lucas"

1.10

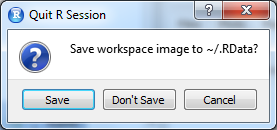


Figure 1: I clicked "Don't Save"