**#Assignment 1 R**

**#Kyle Hamble**

**#DS 710**

**#9/12/16**

**#1.0**

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

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**Platform: x86\_64-w64-mingw32/x64 (64-bit)**

**#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 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**

**[8] 2.0794415 2.1972246 2.3025851 2.3978953 2.4849066**

**#1.7**

**> seq(1, 11, 2)**

**[1] 1 3 5 7 9 11**

**> seq(1, 11, 2) ^ 2**

**[1] 1 9 25 49 81 121**

**OR**

**> x <- c(1:11)[c(T,F)]**

**> x**

**[1] 1 3 5 7 9 11**

**> x^2**

**[1] 1 9 25 49 81 121**

**#1.8**

**> ?sd**

**starting httpd help server ... done**

**This essentially brings up the standard deviation help page. It gives a description,**

**usage, arguments, details, see also and an example section(s) you can use.**

**#1.9**

**> Name = "Kyle Hamble"**

**> paste("My name is", Name)**

**[1] "My name is Kyle Hamble"**