**DS 710**

**R Programming Assignment**

**Homework 1:**  Share text file containing R code

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

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

1. > 2015^(1/3)

[1] 12.63063

1. > abs(5.7-6.8)/.58

[1] 1.896552

1. > a = 1:12

> a

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

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

[1] 1 3 5 7 9 11

1. > c = seq(1,11, 2);c

[1] 1 3 5 7 9 11

1. > ln.a = log(a);ln.a
2. [1] 0.0000000 0.6931472 1.0986123 1.3862944 1.6094379 1.7917595 1.9459101 2.0794415 2.1972246

[10] 2.3025851 2.3978953 2.4849066

1. > sqrt(c)

[1] 1.000000 1.732051 2.236068 2.645751 3.000000 3.316625

1. This function computes the standard deviation of the values in x. If na.rm is TRUE then missing values are removed before computation proceeds.
2. > Name = "Brian"

> paste("My name is",Name)

[1] "My name is Brian"