**DS 710**

**R Programming Assignment**

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

For each of the following, copy **your R code and the output** (and your written response, for part 1.8) into a .r, .txt, .doc, .docx, or .rmd document.  Submit your finished document to GitHub.

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

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 2.0794415 2.1972246

[10] 2.3025851 2.3978953 2.4849066

1.7

> c ^ 2

[1] 1 9 25 49 81 121

1.8 ?sd

starting httpd help server ... done

This is the standard deviation function - This function computes the standard deviation of the values in x. If na.rm is TRUE then missing values are removed before computation proceeds.

1.9.

> Name = "Sarah"

> paste("My name is", Name)

[1] "My name is Sarah"