Week 05, Class Friday

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#Introduction

The topic of this class is the creation of functions. The assignment is to create a function to help grading students.

Functions to consider using/keep in mind during the class include apply(), mean(), is.na(), which.min(), which.max(), sum(), and cor(). Additionally, some example data is provided below.

```r
# Example input vectors to start with
student1 <- c(100, 100, 100, 100, 100, 100, 100, 90)
student2 <- c(100, NA, 90, 90, 90, 90, 97, 80)
student3 <- c(90, NA, NA, NA, NA, NA, NA, NA)
```

#Question 1 Q1 requires writing a function, grade(), to obtain an overall grade for each student.

```r
grade <- function(File, Header=TRUE){

  dat <- read.csv(File, header = Header)
  return(dat)

}
```