**Q1. Getting started with R**

1. Download Upper Flat Creek data from T drive, called FOR525\_A1data.csv. The data is stored in a csv file. The data were collected as a systematic random sample of variable radius plots at the Upper Flat Creek area of Idaho Experimental Forest. Diameter at breast height was measured on all sample trees and height on a subset of trees. Some plots had no measured trees.
2. Read the csv file in R.
3. List variable names and dimensions of data set
4. List the first six and last six observations of the data set
5. List the first 15 observations of the data set
6. Convert diameter to cm and height to meters (divide both by 10)
7. List the number of trees by species using three methods: table(), tapply(), aggregate()
8. Create a new data set with that contains Douglas-fir trees (DF) only and drop observations with missing height values
9. Export the new Douglas-fir data set as DF.csv file

Useful functions: read.csv(), write.csv(), names(), dim(), head(), tail(), subset(), is.na()

**Q2. Fitting a linear regression model** (write code on R).

Using the Upper Flat Creek data from Q#1 fit a regression line that predicts the height of the trees from DBH. Calculate and display the following metrics R2, adjusted R2, F-statistics and p-value.

**Submission**

Submit the assignment as R code.