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CST 235 Week1

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**Assignment 1a**

**Approach**

Upon using the videoCalculator bean, I was able to create two objects that will be able to pass two values; one being a 720p file and the other a 1080p file. With the two objects, I use a getFile\_size method to calculate an estimate of the file size based on the length of the video and the standard bitrate for a file on that resolution. I would then return to the video class to decide if the video is larger than 1 gigabyte and if it is, it will calculate it into GB by dividing by 1000.

List of classes, methods, variables, and beans

**video**

main()

diskSpace1

diskSpace2

**videoCalculator**

video Calculator(int, double)

setResolution(int)

getResolution()

setVideo\_length(double)

getVideo\_length()

getFile\_size()