

Homework11

Diego Gomez

4/20/2018

```
PR0 <- read.table("/Users/dgomez/Desktop/COSC6000/homework11/ProjectileData/Projectile0Drag.dat")
PR1 <- read.table("/Users/dgomez/Desktop/COSC6000/homework11/ProjectileData/Projectile1Drag.dat")
PR2 <- read.table("/Users/dgomez/Desktop/COSC6000/homework11/ProjectileData/Projectile2Drag.dat")
PR3 <- read.table("/Users/dgomez/Desktop/COSC6000/homework11/ProjectileData/Projectile3Drag.dat")
PR4 <- read.table("/Users/dgomez/Desktop/COSC6000/homework11/ProjectileData/Projectile4Drag.dat")
plot(PR0$V2,PR0$V3,xlab="X (m)",ylab="Y (m)",type="l",col="black",ylim=c(0,3.6))
lines(PR1$V2,PR1$V3,col="red")
lines(PR2$V2,PR2$V3,col="orange")
lines(PR3$V2,PR3$V3,col="green")
lines(PR4$V2,PR4$V3,col="purple")
legend("top",horiz=TRUE,title = "Drag Coefficient (1/s)",legend=c("0","0.5","1","5","10"),col=c("black"
```

