white = read.csv("C:\\Users\\Woo\\Desktop\\whitewine.csv",header=T)

head(white)

ye.model=lm(total.sulfur.dioxide~density,data=white)

white$pred = predict(ye.model, data=white)

plot(white$density,white$total.sulfur.dioxide)

par(new=T)

abline(ye.model, col="red")

points(white$density,white$total.sulfur.dioxide, col="blue", pch=15)

newwhite=data.frame(density=seq(0.9,1,0.0005))

newwhite$pred=predict(ye.model,newwhite)

par(new=T)

points(newwhite$density, newwhite$pred, col="green")

points(newwhite$density, newwhite$pred, col="green", pch=20)

