```r
setwd("C:\Users\DELL\Desktop\DS\DataScience_2019501097\Data Mining\Exam Solutions\Final exam\Final exam") getwd() data = read.csv("Liver_data.csv",
header = FALSE, col.names = c("1", "2", "3", "4", "5", "6", "7")) str(data) summary(data) x = data[,1:5] y = data[,6] fit = kmeans(x,4) library(class) knnfit =
knn(fit$centers,x,as.factor(c(-2,-1,1,2))) error = 1-sum(knnfit == y)/length(y) error
```