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########################
###### Tutorial 3 ######
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### Question 2 (d) ###
time_data <- read.table("C:/Users/khoongwh/Desktop/Wei Hao/NUS/Applied Mathematics Major/Modules/Year 4 Semester 2/ST2137 Computer Aided Data Analysis/Data/wip.txt", header=T)
attach(time_data)
plant.a <- time_data[time_data$plant==1, ]
summary(plant.a)
hist(plant.a$time, col="grey", breaks=seq(0,27,3), xlab="time")
boxplot(time_data$time ~ time_data$plant)

### Question 3(d) ###
test_data <- read.table("C:/Users/khoongwh/Desktop/Wei Hao/NUS/Applied Mathematics Major/Modules/Year 4 Semester 2/ST2137 Computer Aided Data Analysis/Data/testscores.txt",
header=T)
attach(test_data)
plot(test_data$A, test_data$B, type = "n")
points(test_data[test_data$gender=="F", c("A", "B")])
points(test_data[test_data$gender=="M", c("A", "B")], pch=2,col=2)

test_data.m <- test_data[test_data$gender=="M", c("A","B")]
plot(test_data.m$A, test_data.m$B)
test_data.f <- test_data[test_data$gender=="F", c("A","B")]
plot(test_data.f$A, test_data.f$B)
```