cool and easier ways founded after reviewing others

##1

```
plot(data$x,data$Global_active_power, type = "l")
```

`type = "l"` means `lines()`

##2 usinf data table and fast read

```
library("data.table")
power <- data.table::fread(input = "household_power_consumption.txt")

power[, Global_active_power := lapply(.SD, as.numeric),
      .SDcols = c("Global_active_power")]
```

```
## Warning in lapply(.SD, as.numeric): NAs introduced by coercion
```

```
power[, dateTime := as.POSIXct(paste(Date, Time), format = "%d/%m/%Y %H:%M:%S")]

power<- power[(dateTime >= "2007-02-01") & (dateTime < "2007-02-03")]

png("plot2.png", width=480, height=480)

plot(x = power[, dateTime],
     y = power[, Global_active_power],
     xlab="",
     ylab="Global Active Power (kilowatt)",
     type = "l")
```

using fast read really is faster!

##3 filter and formatting the date

```
p1 <- read.table("household_power_consumption.txt", header=TRUE, sep=";", na.strings = "?")
p1$Date <- as.Date(p1$Date, format = "%d/%m/%Y")
p1 <- subset(p1, Date >= as.Date("2007-02-01") & Date <= as.Date("2007-02-02"))

Daytime <- paste(p1$Date, p1$Time)

p2 <- subset(p1, select = -c(Date, Time))
p2$Datetime <- as.POSIXct(Daytime)
```