```
plot(airquality);
#
#use="complete.obs"
cor(airquality,use="complete.obs");
#
summary(airquality);
#
#ajuste linear simples:
#temperatura em funcao do ozonio
a<-lm(airquality[,4]~airquality[,1])
#
plot(a$residuals)
#grafico de tendencias dos residuos do ajuste:
plot(a$residuals,type="l")
#
#CHAMANDO DIFERENTES PARTES DO OBJETO a
#veja o help(lm)
#veja o help()
#verifique
a$coefficient
#
a$residuals
#veja help(lm)
#erro quadratico medio= qualidade do ajuste:
mean(a$residuals^2)
#
#MELHORANDO O AJUSTE
plot(airquality[,4],log(airquality[,1]))
b<-lm(airquality[,4]~log(airquality[,1]))
mean(b$residuals^2)
#
#COMPARANDO OS DOIS AJUSTES:
layout(matrix(c(1:4),2,2,byrow=TRUE));
layout.show((4));
#
plot(airquality[,4],airquality[,1])
plot(airquality[,4],log(airquality[,1]))
#residuos
plot(a$residuals,type="l")
plot(b$residuals,type="l")
```