test1

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Mandatory homework assignment, git rmarkdown and R-project

The plot shows a red heart.

```r
data <- data.frame(t=seq(0, 2*pi, by=0.1) )
xfun <- function(t) 16*sin(t)^3
yfun <- function(t) 13*cos(t)-5*cos(2*t)-2*cos(3*t)-cos(4*t)
data$y <- yfun(data$t)
data$x <- xfun(data$t)

plot(data$x,data$y, type="l", col="red", lty=2)
```