u1 <- rnorm(30)

print("This loop calculates the square of the first 10 elements of vector u1") *#*

*Initialize `usq`*

usq <- 0

for(i in 1:10) {

*# i-th element of `u1` squared into `i`-th position of `usq`*

usq[i] <- u1[i]\*u1[i]

print(usq[i])

}