```r
bootstrap <- function(x, nboot, n){
  bootstraps <- c()

  for (i in 1:nboot) {
  bsample <- sample(x, n, replace = TRUE)
   bootstraps <- c(median(bsample), bootstraps)
}

boot.sa <- matrix(sample(x, size = n * nboot,
replace = TRUE), nboot, n)
}
```