Running Average

```r
spinner = c(11,15,17,19,21,23,25,29)
mu = mean(spinner)
sig = sd(spinner)*sqrt((length(spinner)-1)/length(spinner))
x = sample(spinner,100,T)
plot(cumsum(x)/1:length(x),type='l',ylim=c(min(spinner),max(spinner)))

for(i in 1:499){
  x = sample(spinner,100,T)
  points(1:length(x),cumsum(x)/1:length(x),col=rgb(0,0,0,0.01),pch=20)
}
```