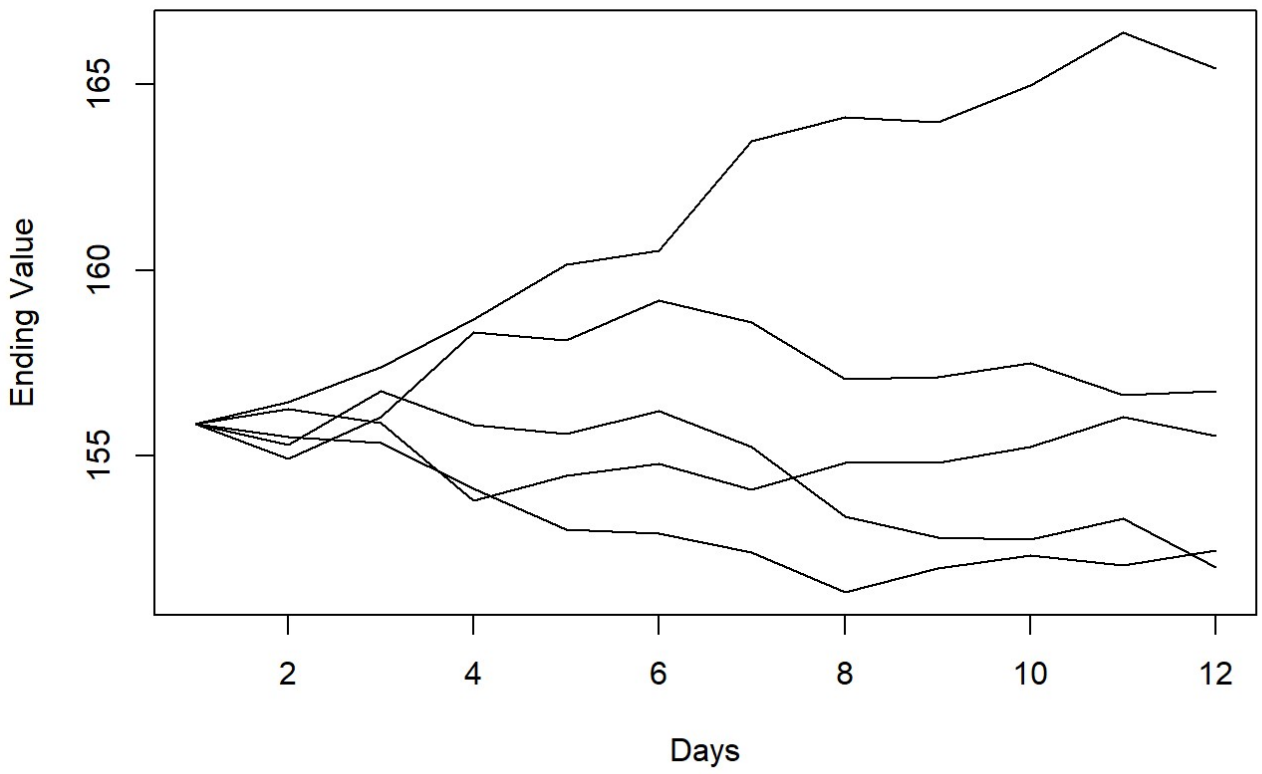
Monte Carlo

```
startValue <- c(155.869)
currentvalues <- rnorm(5, -0.01415738095, 1.00511988)+startValue
dayvalues <-list(startValue, startValue, startValue, startValue, startValue)
for(j in 1:5){
dayvalues[[j]] <- union(dayvalues[[j]], currentvalues[j])
}
for(i in 1:10){
currentvalues <- rnorm(5, -0.01415738095, 1.00511988)+currentvalues
for(t in 1:5){
  dayvalues[[t]] <- union(dayvalues[[t]], currentvalues[t])
}
}
plot(1,type='n',xlim=c(1,12),ylim=c(range(dayvalues)),xlab='Days', ylab='Ending Value'
)

for(h in 1:5){
  lines(dayvalues[[h]])
}
```



```
print(mean(currentvalues))
```

```
## [1] 156.4296
```