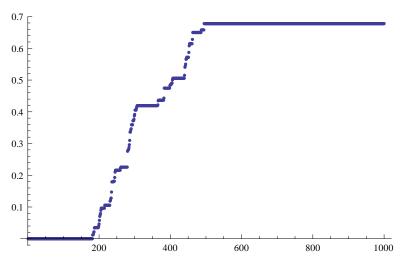
```
Exit[] DSolve[f'[x]-r*f[x]-c == 0, f[x], x]  \left\{\left\{f[x] \rightarrow -\frac{c}{r} + e^{r \times} C[1]\right\}\right\} n = 2000; dW = RandomReal[NormalDistribution[], {n}]/Sqrt[n];  W = Join[{0}, Table[Sum[dW[[i]], {i, 1, t}], {t, 1, n-1}]];  n = 2000; dW = RandomReal[NormalDistribution[], {n}]/Sqrt[n];  W = Join[{0}, Table[Sum[dW[[i]], {i, 1, t}], {t, 1, n-1}]];  IwdW = Table[Sum[W[[i]] * dW[[i]], {i, 1, t}] + t/2/n, {t, 1, n}];  ListPlot[\{W \land 2/2, IwdW\}]  0.15 0.10 0.05
```

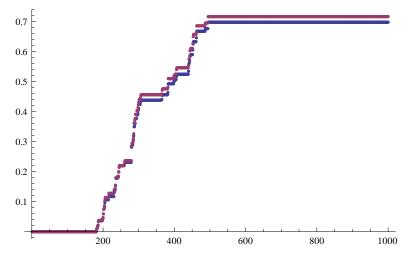
Stop-Loss Start-Gain

```
a = 0.001;
IfsdW = Accumulate[dW * fs[W, a]];
IThetadW = Accumulate[dW * HeavisideTheta[W - 0.2]];
L = Accumulate[fss[W, a]] / n;
```





ListPlot[{str[IfsdW] - f[str[W], a], str[L] / 2}]



```
 \begin{split} &fss[ft\_, a\_] := (\text{HeavisideTheta}[ft-0.2+a] - \text{HeavisideTheta}[ft-0.2-a]) \, / \, 2 \, / \, a; \\ &f[x\_, b\_] := \frac{1}{-} \, \text{HeavisideTheta}[x] \\ &(\left(-0.0100000000000000002^{2} - 0.25^{6} \, b \, (0.4^{2} + b) + 0.1^{2} \, x + 0.5^{6} \, b \, x - 0.25^{2} \, x^{2}\right) \\ &\text{HeavisideTheta}[-0.2^{2} - b + x] + \left(0.0100000000000000002^{2} + 0.25^{6} \, (-0.4^{2} + b) \, b - 0.1^{2} \, x + 0.5^{6} \, b \, x + 0.25^{2} \, x^{2}\right) \\ &fs[x\_, b\_] := \frac{1}{-} \, \text{HeavisideTheta}[x] \, (-0.5^{2} \, (-0.2^{2} - 1.^{2} \, b + x) \, \text{HeavisideTheta}[-0.2^{2} - b + x] + 0.5^{2} \, (-0.2^{2} + b + x) \, \text{HeavisideTheta}[-0.2^{2} + b + x]) \\ &str[x\_] := \text{Table}[x[[i*n/1000]], \{i, 1, 1000\}] \end{split}
```