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	Example 1: Prove that w is an exact sampling
	By definition, $W(t_{i+1}) - W(t_i) = \sqrt{t_{i+1} - t_i \cdot Z_{i+1}}$ $2 \sim N(0.1)$
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	$\frac{1}{W(t_{i+1})-W(t_i)} = \frac{1}{W(t_{s+1})} = \frac{1}{W(t_s)} = \frac{1}$
	i-Wis an exact sampling
	Charles San Allen
	Pseudo code step 1 Wo=0, h=0.1
	$\frac{\text{Step2}}{\text{Tor } i = i + t}$
	2 = N(0,1)
	$W_{i+1} = W_i \perp \overline{W} \cdot \overline{Z}$
	Step3 return (Wo Wh)
-	P. I I be seed ?
	Psoudo i de der example 3.
	Stepl: For i=itt
-	wo=0, h=21, 2←N10.1)
1	Wit1 = Wi + Jh. 3 SIL = So. e (r-\frac{1}{2}62) tu + 6 Wt
-	312 = Jo. eh
-	Arasian = 1 = 51c Price = e r (Arasim - k) +
	Price = e (Amsim -k)
+	Votura price
1	
1	Example 1: Find log Se for 5 ~ GBM (5, 1,6)
1	-2 ds = C+-M-de + S+-6. due
	Ky Its formula: d(lnSe) = 5t dSe t = (-52/(dSe)
1	_ M.dt+6dwe - = 6 dt
	= (h - = 62)de + 6dre
1	(M-162)+ + 6We.
1	i-lust = 50-e
1	