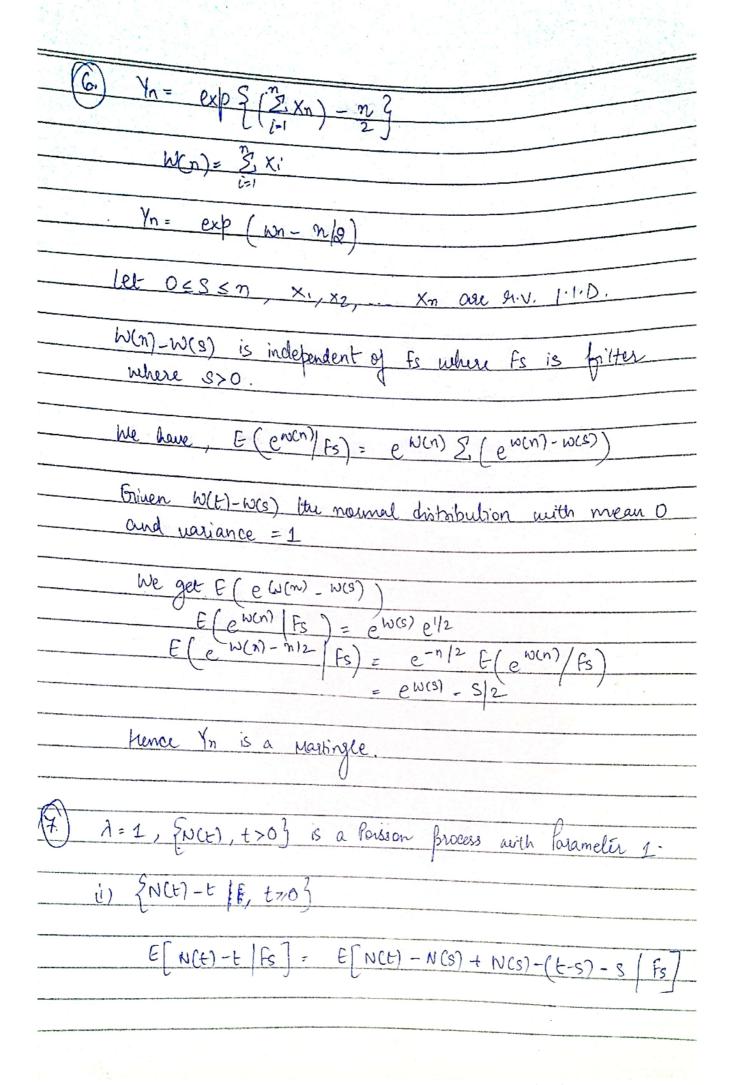
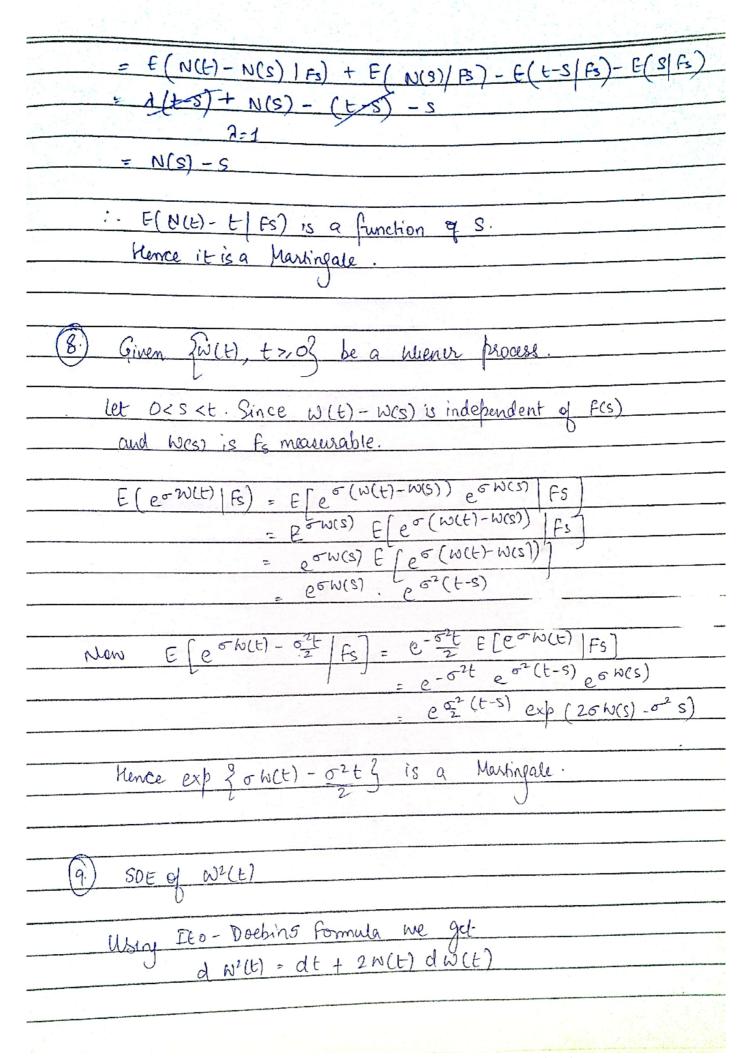
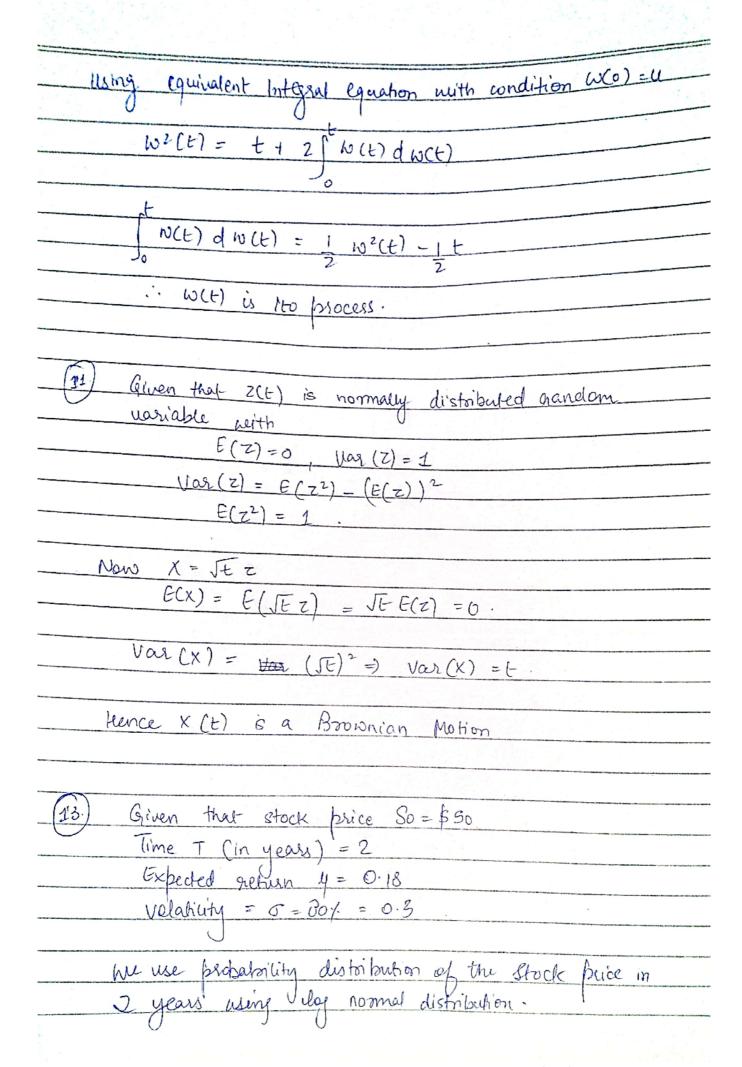
ASSIGNMENT-3  Submitted By: Alman Spriqua $2k 18 [me] o 0 8$ (1) Cample space $Q = \begin{cases} (u,u), (u,d), (d,u), (d,d) \end{cases}$ Non this of Field . $f_1 = \begin{cases} \phi, Q, \begin{cases} (u,u), (u,d) \end{cases}, \begin{cases} (d,u), (d,d) \end{cases}, \begin{cases} (d,u), (d,d) \end{cases}$ Largest $\sigma$ -field on $Q$ : $\begin{cases} f_2 = \begin{cases} \phi, \begin{cases} (u,u), (u,d) \end{cases}, \begin{cases} (u,u), (d,d) \end{cases}, \begin{cases} (u,u), (u,d) \end{cases}$ $\begin{cases} (u,u), (d,u) \end{cases}, \begin{cases} (u,u), (d,d) \end{cases}, \begin{cases} (u,u), (u,d) \end{cases}$ $\begin{cases} (u,u), (u,d), (d,d) \end{cases}, \begin{cases} (u,u), (d,d) \end{cases}, \begin{cases} (u,u), (u,d), (d,u) \end{cases}$ $\begin{cases} (u,u), (u,d), (d,d) \end{cases}, \begin{cases} (u,u), (d,d) \end{cases}, \begin{cases} (u,u), (d,d) \end{cases}$ $\begin{cases} (u,u), (u,d), (d,u), (d,d) \end{cases}, \begin{cases} (u,u), (d,d) \end{cases}, \begin{cases} (u,u), (d,d) \end{cases}$ $\begin{cases} (u,u), (u,d), (d,u), (d,d) \end{cases}, \begin{cases} (u,u), (d,u), (d,d) \end{cases}$ $\begin{cases} (u,u), (u,d), (d,u), (d,d) \end{cases}, \begin{cases} (u,u), (d,u), (d,d) \end{cases}$ $\begin{cases} (u,u), (u,d), (d,u), (d,d) \end{cases}, \begin{cases} (u,u), (d,u), (d,u), (d,u) \end{cases}$ $\begin{cases} (u,u), (u,d), (d,u), (d,d) \end{cases}, \begin{cases} (u,u), (d,u), (d,u), (d,u) \end{cases}$ $\begin{cases} (u,u), (u,d), (d,u), (d,d) \end{cases}, \begin{cases} (u,u), (d,u), (d,u), (d,u) \end{cases}$ $\begin{cases} (u,u), (u,d), (d,u), (d,d) \end{cases}, \begin{cases} (u,u), (d,u), (d,u), (d,u) \end{cases}$ $\begin{cases} (u,u), (u,d), (d,u), (d,d) \end{cases}, \begin{cases} (u,u), (d,u), (d,u), (d,u) \end{cases}$ $\begin{cases} (u,u), (u,d), (d,u), (d,d) \end{cases}, \begin{cases} (u,u), (d,u), (d,u), (d,u) \end{cases}$ $\begin{cases} (u,u), (u,d), (d,u), (d,d) \end{cases}, \begin{cases} (u,u), (d,u), (d,u), (d,u) \end{cases}$ $\begin{cases} (u,u), (u,d), (d,u), (d,u) \end{cases}, \begin{cases} (u,u), (d,u), (d,u), (d,u) \end{cases}$ $\begin{cases} (u,u), (u,d), (u,u), (u,d) \end{cases}, \begin{cases} (u,u), (u,d), (u,u), (u,d) \end{cases}$ $\begin{cases} (u,u), (u,d), (u,u), (u,d) \end{cases}, \begin{cases} (u,u), (u,d), (u,u), (u,d) \end{cases}$ $\begin{cases} (u,u), (u,d), (u,u), (u,d) \end{cases}, \begin{cases} (u,u), (u,d), (u,u), (u,d) \end{cases}$ $\begin{cases} (u,u), (u,d), (u,u), (u,d) \end{cases}, \begin{cases} (u,u), (u,d), (u,u), (u,d) \end{cases}$ $\begin{cases} (u,u), (u,d), (u,u), (u,d) \end{cases}, \begin{cases} (u,u), (u,d), (u,u), (u,d) \end{cases}$ $\begin{cases} (u,u), (u,d), (u,u), (u,d), (u,u), (u,d) \end{cases}$ $\begin{cases} (u,u), (u,u),$		FINANCIAL ENGINEERING
2x 18/Mc/008  (1) lemple space $Q = \{(u,u), (u,d), (d,u), (d,d)\}$ Non trivial $\sigma$ - Field.  fi = $\{\phi, Q, \{(u,u), (u,d)\}, \{(d,u), (d,d)\}\}$ .  [argest $\sigma$ - Field on $Q$ :  [xu,u), (d,u)\}, \{(u,u), (d,d)\}, \{(u,u), (d,d)\}, \{(u,u), (u,d)\}, \{(u,u), (u,d)\}, \{(u,u), (d,d)\}, \{(u,u), (d,u)\}, \{(u,u), (d,u)\}, \{(u,u), (d,u)\}, \{(u,u), (d,u)\}, \{(u,u), (d,u)\}, \{(u,u), (d,u)\}, \{(u,u), (u,d)\}, \{(u,u), (d,u)\}, \{(u,u), (d,u)\}, \{(u,u), (u,d)\}, \{(u,u		
$2\kappa 18/me/008$ (1) Cample Space $Q = \begin{cases} (u, u), (u, d), (d, u), (d, d) \end{cases}$ Non trivial $\sigma$ - field: $f_1 = \begin{cases} \varphi, Q, \begin{cases} (u, u), (u, d) \end{cases}, \begin{cases} (d, u), (d, d) \end{cases} \end{cases} \begin{cases} (d, u), (d, d) \end{cases}$ Largest $\sigma$ - field on $Q$ : $\begin{cases} f_2 = \begin{cases} \varphi, \begin{cases} (u, u), (d, u) \end{cases}, \begin{cases} (u, u), (d, d) \end{cases}, \begin{cases} (u, u), (u, d) \end{cases}$ $\begin{cases} (u, u), (d, u), \begin{cases} (d, u), (d, d) \end{cases}, \begin{cases} (u, u), (d, u), \end{cases} \end{cases}$ $\begin{cases} (u, u), (d, u), \begin{cases} (d, u), (d, d), \end{cases}, \begin{cases} (u, u), (d, u), \end{cases}$ $\begin{cases} (u, u), (u, d), (d, d), \end{cases}, \begin{cases} (u, u), (d, u), \end{cases}, \begin{cases} (u, u), (d, u), \end{cases}$ $\begin{cases} (u, u), (u, u), (d, d), \end{cases}, \begin{cases} (u, u), (d, u), \end{cases}, \begin{cases} (u, u), (d, u), \end{cases}$ $\begin{cases} (u, u), (u, u), (d, u), \end{cases}, \begin{cases} (u, u), (d, u), \end{cases}, \begin{cases} (u, u), (d, u), \end{cases}$ $\begin{cases} (u, u), (u, u), (d, u), \end{cases}, \begin{cases} (u, u), (d, u), \end{cases}$ $\begin{cases} (u, u), (u, u), (u, u), \end{cases}, \begin{cases} (u, u), (u, u), \end{cases}$ $\begin{cases} (u, u), (u, u), (u, u), \end{cases}, \begin{cases} (u, u), (u, u), \end{cases}$ $\begin{cases} (u, u), (u, u), (u, u), \end{cases}, \begin{cases} (u, u), (u, u), \end{cases}, \begin{cases} (u, u), (u, u), \end{cases}$ $\begin{cases} (u, u), (u, u), (u, u), \end{cases}, \begin{cases} (u, u), (u, u), \end{cases}, \begin{cases} (u, u), (u, u), \end{cases}$ $\begin{cases} (u, u), (u, u), (u, u), \end{cases}, \begin{cases} (u, u), (u, u), \end{cases}, \begin{cases} (u, u), (u, u), \end{cases}$ $\begin{cases} (u, u), (u, u), (u, u), \end{cases}, \begin{cases} (u, u), (u, u), \end{cases}, \begin{cases} (u, u), (u, u), \end{cases}$ $\begin{cases} (u, u), (u, u), (u, u), \end{cases}, \begin{cases} (u, u), (u, u), \end{cases}, \begin{cases} (u, u), (u, u), \end{cases}$ $\begin{cases} (u, u), (u, u), (u, u), \end{cases}, \begin{cases} (u, u), (u, u), \end{cases}, \begin{cases} (u, u), (u, u), \end{cases}$ $\begin{cases} (u, u), (u, u), (u, u), (u, u), \end{cases}, \begin{cases} (u, u), (u, u), \end{cases}$ $\begin{cases} (u, u), (u, u), (u, u), (u, u), \end{cases}, \begin{cases} (u, u), (u, u), \end{cases}$ $\begin{cases} (u, u), (u, u), (u, u), (u, u), \end{cases}$ $\begin{cases} (u, u), (u, u), (u, u), (u, u), \end{cases}$ $\begin{cases} (u, u), (u, u), (u, u), (u, u), \end{cases}$ $\begin{cases} (u, u), (u, u), (u, u), (u, u), \end{cases}$ $\begin{cases} (u, u), (u, u), (u, u), (u, u), \end{cases}$ $\begin{cases} (u, u), (u, u), (u, u), (u, u), \end{cases}$ $\begin{cases} (u, u), (u, u), (u, u), (u, u), \end{cases}$ $\begin{cases} (u, u), (u, u), (u, u), (u, u), \end{cases}$ $\begin{cases} (u, u), (u, u), (u, u), (u, u), \end{cases}$ $\begin{cases} (u, u), (u, u), (u, u), (u, u), \end{cases}$ $\begin{cases} (u, u), (u, u), (u, u), (u, u), \end{cases}$ $\begin{cases} (u, u), (u, u), (u, u), (u, u), \end{cases}$ $\begin{cases} (u, u), (u, u), (u, u), (u, u), \end{cases}$ $\begin{cases} (u, u), (u, u), (u, u), (u, u), \end{cases}$ $\begin{cases} (u, u), (u, u), (u, u), (u, u), \end{cases}$ $\begin{cases} (u, u), (u, u), (u, u), (u, u), \end{cases}$ $\begin{cases} (u, u), (u, u), (u, u), (u, u), \end{cases}$ $\begin{cases} (u, u), (u, u), (u, u), (u, u), \end{cases}$ $\begin{cases} (u, u), (u, u), (u, u), (u, u), \end{cases}$ $\begin{cases} ($	SUBMITTED	Ry A C
(1) lample space $Q = \{ (u,u), (u,d), (d,u), (d,d) \}$ Non trivial $G = \{ (u,u), (u,d) \}, \{ (d,u), (d,d) \} \}$ .  Largest $G = \{ (u,u), (u,d) \}, \{ (u,u), (d,d) \}, \{ (u,u), (d,d) \}, \{ (u,u), (d,d) \}, \{ (u,u), (d,d) \}, \{ (u,u), (u,d), (d,u) \}, \{ (u,u), (u,d), (d,d) \}, \{ (u,u), (u,d), (d,u) \}, \{ (u,u), (u,d), (d,d) \}, \{ (u,u), (u,d), (d,u), (d,u), (d,d) \}, \{ (u,u), (u,d), (d,u), (u,u), (u,$		THE THE STATE OF T
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$f_1 = \{ \phi, Q, \{ (u,u), (u,d) \}, \{ (d,u), (d,d) \} \}$ $Largest \sigma - field \sigma_1 Q:$ $\{ (u,u), (d,u) \}, \{ (u,u), (d,d) \}, \{ (u,u), (d,d) \}, \{ (u,u), (d,u) \}, \{ (u,u), (d,d) \}, \{ (u,u), (u,d), (d,u) \}, \{ (u,u), (u,d), (d,d) \}, \{ (u,u), (u,d), (d,d) \}, \{ (u,u), (u,d), (d,d) \}, \{ (u,u), (u,d) \}, \{ (u,u), ($	(1) Sample 3	pace Q = { (u, u), (u,d), (d,u) (d,d)}
$f_1 = \{ \phi, Q, \{ (u,u), (u,d) \}, \{ (d,u), (d,d) \} \}$ $Largest \sigma - field \sigma_1 Q:$ $\{ (u,u), (d,u) \}, \{ (u,u), (d,d) \}, \{ (u,u), (d,d) \}, \{ (u,u), (d,u) \}, \{ (u,u), (d,d) \}, \{ (u,u), (u,d), (d,u) \}, \{ (u,u), (u,d), (d,u) \}, \{ (u,u), (u,d), (d,d) \}, \{ (u,u), (d,d) \}, \{ (u,u), (d,d) \}, \{ (u,u), (u,d), (d,u), (d,d) \}, \{ (u,u), (u,d), (u,d) \}, \{ (u,u), (u,d), (u,d), (u,d) \}, \{ (u,u), (u,d), (u,d), (u,d) \}, \{ (u,u), (u,d), (u,d), (u,d), (u,d) \}, \{ (u,u), (u,d), $	Non triwia	6- Field:
[argest $\sigma$ -Field on $Q$ : $f_2 = \frac{1}{2} + \frac$	fi = 30	, Q, {(u,u), (u,d)} {(d,u), (dd)}{
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		
$\begin{cases} (u,u), (d,u) \end{cases}, \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	Largest o	
$\begin{cases} (u,u), (d,u) \leq (u,u), (d,u) \leq (u,u), (d,u) \leq (u,u), (u$	V f2 =	} φ, ξ(u,u) }, ξ(u,d) } ξ(d,u) ζ ξ(d,d) ζ ξ(u,u), (u,d)
$\begin{cases} \{(u,d),(d,d)\}, \{(d,u),(d,d)\}, \{(u,u),(u,d),(d,u)\}, \{(u,u),(u,d),(d,u)\}, \{(u,u),(u,d),(d,u)\}, \{(u,u),(d,u),(d,u)\}, \{(u,u),(u,u),(u,u),(u,u),(u,u)\}, \{(u,u),(u,u),(u,u),(u,u),(u,u),(u,u),(u,u),(u,u), \{(u,u),(u,u),(u,u),(u,u),(u,u),(u,u),(u,u),(u,u), \{(u,u),(u,u),(u,u),(u,u),(u,u),(u,u),(u,u),(u,u),(u,u), \{(u,u),(u,u$		}(u, y), (d, y)}, \$(u, y), (dd)} } \ (u, d), (d, y)?
$\begin{cases} (u, v), (u, d), (d, d) \end{cases}, \begin{cases} (u, u), (d, u), (d, d) \end{cases}$ $\begin{cases} (u, d), (d, u), (d, d) \end{cases}, \begin{cases} (u, u), (d, u), (d, d) \end{cases}$ $\begin{cases} (u, d), (d, u), (d, d) \end{cases}, \begin{cases} (u, u), (d, u), (d, d) \end{cases}$ $\begin{cases} (u, u), (d, u), (d, d) \end{cases}, \begin{cases} (u, u), (d, u), (d, d) \end{cases}$ $\begin{cases} (u, u), (d, u), (d, u), (d, u), (d, u), (d, u) \end{cases}$ $\begin{cases} (u, u), (d, u), (d, u), (d, u), (d, u), (d, u), (d, u) \end{cases}$ $\begin{cases} (u, u), (d, $		S(4,d) (d,d) (S(d,)) (d,1) 2 5. 25.
X and Y are IID random variable each having uniform distribution on the interval $(-\overline{n}, \overline{n})$ $E(X) = 0  \text{Var}(X) = 1$ $E(Y) = 0  \text{Var}(Y) = 1$ $E(XY) = E(X)E(Y) = 0$ $E(XY) = L  E(YY) = 1$ $Z(LT) = Los (XLTY)$ $E(Z(LT)) = E(Los (XLTY))$		3(u,4),(u,d), (d,d) }, S(u,u), (d,u) (dd)?
$E(X) = 0 \qquad Vost(X) = 1$ $E(Y) = 0 \qquad Var(Y) = 1$ $E(XY) = E(X)E(Y) = 0$ $E(X^2) = 1 \qquad E(Y^2) = 1$ $Z(t) = cos(Xt + Y)$ $E(X(t)) = E(cos(Xt + Y))$		3 (u,d)(d,u) (d,d)2 m2
$E(X) = 0 \qquad Vost(X) = 1$ $E(Y) = 0 \qquad Var(Y) = 1$ $E(XY) = E(X)E(Y) = 0$ $E(X^2) = 1 \qquad E(Y^2) = 1$ $Z(t) = cos(Xt + Y)$ $E(X(t)) = E(cos(Xt + Y))$		
$E(X) = 0 \qquad Vost(X) = 1$ $E(Y) = 0 \qquad Var(Y) = 1$ $E(XY) = E(X)E(Y) = 0$ $E(X^2) = 1 \qquad E(Y^2) = 1$ $Z(t) = cos(Xt + Y)$ $E(X(t)) = E(cos(Xt + Y))$		
$E(X) = 0 \qquad Vost(X) = 1$ $E(Y) = 0 \qquad Var(Y) = 1$ $E(XY) = E(X)E(Y) = 0$ $E(XY) = 1 \qquad E(Y^2) = 1$ $Z(t) = cos(Xt + Y)$ $E(Z(t)) = E(cos(Xt + Y))$	X an	I y are IID random variable each having uniform
$E(X) = 0 \qquad Vot(X) = 1$ $E(Y) = 0 \qquad Var(Y) = 1$ $E(XY) = E(X)E(Y) = 0$ $E(XZ) = 1$ $Z(XZ) = 1$ $Z(XZ)$	- distrib	ution on the internal $(-\overline{\Lambda}, \overline{\Lambda})$
$E(Y) = 0 \qquad \text{Var}(Y) = 1$ $E(XY) = E(X)E(Y) = 0$ $E(X^2) = 1$ $Z(t) = \cos(Xt + Y)$ $E(Z(t)) = E(\cos(Xt + Y))$		$(x) = 0 \qquad \text{Vat}(x) = 1$
$E(XY) = E(X)E(Y) = 0$ $E(XZ) = 1$ $Z(t) = \cos(Xt + Y)$ $E(Z(t)) = E(\cos(Xt + Y))$	E	(Y)=0 var(Y)=1
$E(x^{2}) = L \qquad E(y^{2}) = 1$ $Z(t) = \cos(xt + y)$ $E(Z(t)) = E(\cos(xt + y))$	[	E(XY) = E(X)E(Y) = D
E(Z(t)) = E(Cos(Xt+Y))	E	$E(x^2) = 1$ $E(y^2) = 1$
E(Z(t)) = E(Cos(Xt+Y))		
	zct)	= Co8 (Xt+Y)
Also cos 0 = 1-02 + 04 - 06 +	E(	Z(t)) = $E(Cos(Xt+Y))$
$000 000 = 1 - 0^2 + 09 - 0^6 +$	14 >	
	MISO	(08 b = 1-02 + 04 - 06 +

$E(zch) = E\left[1 - (xt+y)^{2} + (xt+y)^{4} - \cdots\right]$ $= \frac{1-1E}{2}\left(x^{2}t^{2} + y^{2} + 2xyt\right) + \frac{1}{4!}E\left(xt+y\right)^{4} - \cdots$
$= 1 - 1 \left( \frac{1}{4} + 1 \right) + 1 = \left[ \left( xt + y \right)^{4} \right] +$
In a wide sense stationary process, E(zct)) must be independent of t.  Here E(z(t)) depends on t2  Hence this is not a wide sense stationary process.
Brownian motion is defined as following.  A statistic Process W(t) is said to be a Brownian  Motion if it datisfies the following peoperties:  (i) W(0) = 0  (ii) for t>0 W(t) is continuous  (iii) W(t), t>0 has independent of stationary invienments  (v) for 0 \( \text{U} \) \( \text{S} \) \( \text{t} \) \( \text{continuous} \)  (iv) for 0 \( \text{S} \) \( \text{t} \) \( \text{continuous} \)  (v) for 0 \( \text{S} \) \( \text{t} \) \( \text{continuous} \)  (v) for 0 \( \text{S} \) \( \text{t} \) \( \text{continuous} \)  (v) for 0 \( \text{S} \) \( \text{t} \) \( \text{continuous} \)  (v) for 0 \( \text{S} \) \( \text{t} \) \( \text{continuous} \)  (v) for 0 \( \text{S} \) \( \text{t} \) \( \text{continuous} \)  (v) for 0 \( \text{S} \) \( \text{t} \) \( \text{continuous} \)  (v) for 0 \( \text{S} \) \( \text{t} \) \( \text{continuous} \)  (v) for 0 \( \text{S} \) \( \text{t} \) \( \text{continuous} \)  (v) for 0 \( \text{S} \) \( \text{T} \) \( \text{continuous} \)  (v) for 0 \( \text{S} \) \( \text{T} \) \( \text{continuous} \)  (v) for 0 \( \text{S} \) \( \text{T} \) \( \text{continuous} \)  (v) for 0 \( \text{S} \) \( \text{T} \) \( \text{continuous} \)  (v) for 0 \( \text{S} \) \( \text{T} \) \( \text{continuous} \)  (v) for 0 \( \text{S} \) \( \text{T} \) \( \text{continuous} \)  (v) for 0 \( \text{S} \) \( \text{T} \) \( \text{C} \) \( \text{S} \) \( \text{T} \) \( \text{C} \) \( \text{S} \) \( \text{T} \) \( \text{C} \) \( \text{S} \) \( \text{T} \) \( \text{C} \) \( \text{S} \) \( \text{T} \) \( \text{S} \) \( \text{T}
Tot prove $\hat{\omega}(t) = t \omega(t/t)$ is boownran  i) $\lim_{t \to 0} \hat{\omega}(t) = \lim_{t \to 0} t \omega(1/t) = \lim_{s \to \infty} \omega(s) = 0$
ii) In order to show with is continuous it is enough to show wilt is continuous at t-0

15	is given (t WIII)
He	is given $(t W(1 t))_{t=0} = 0$ .  ence $W(t)$ is continuous.
	Tantinuous .
	Cov ( WB), w (t) = Cov ( co M(1/2) (1/1/4))
	- 8.+ (au( 101/16) 11(1/16))
	= 8.+ × 1 0
	Cov ( $\hat{w}(s)$ , $\hat{w}(t)$ )= Gov ( $s$ . $w(1/s)$ , $t$ $w(1/t)$ ) $= 8.t \text{ fov}(w(1/s), w(1/t))$ $= 8.t \times 1 = 8.$ $t$
	$E(\hat{\omega}(t) - \hat{\omega}(b))(\hat{\omega}(t) - \hat{\omega}(s))$
	= t-8-t-s=0.
	Independent Increments
ε	So W(t) isa Brownian Motion.
(a)	
(3)	$\frac{-2}{A} = \begin{cases} 2a,b,c,d \end{cases}$ $\frac{-2}{A} = \begin{cases} 2a,b,c,d \end{cases}$ $\frac{-2}{A} = \begin{cases} 2a,b,c,d \end{cases}$
-	H C 1-2 C 1-3 C 1-4
	Fi = {p, 2}
-	F2 = 3 \$, Saj, 86, c, d3, e3
	F3 = { \  \sigma_1, \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
	L 3a, b3 2 L 3. L 3. L
	Fu = 20, 201, 6b3, Sc3, Sd3, Ea, b3, (b, c) (c, d)  Saicl, Saidl & b, dl, Sa, b, c), (a, b, d)  Sb, c, d), Sa, c, d), Sa, b, c, d)
	[ Saic(, Said() Sbid(, 20,6,c), 2a, b,d)
	} b, c, d), {a, c, d}, {a, b, c, d}
	Hence Fi, Fz, Fz, Fy Satisfy given condition.
	111111111111111111111111111111111111111







<u>보통 보통 보고 보고 하는 물로 가능하는 물로 하고 있는 것이 되었다. 그 없는 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은</u>	
$\ln S_T = \phi \left( \ln S_0 + \left( \mu - \sigma^2 \right) \times T , \sigma^2 \times T \right)$	
2/	
$= \phi \left( \ln 50 + \left( 0.18 - 0.09 \right) \times 2, 0.3^{2} \times 2 \right)$	
	1
In ST = \$ (4.18, 0.18)	3
	1000
The mean of stock brice E (ST) is given by:  E(ST) = So erT	
= 50 e 0.8 x 2 = \$71.67 = E(ST)	
- 30 C - 3 (1 C) - (31)	
Standard deviation of stock price 557 is given by:	
6st = So ett [e62xt] = 50 e0.18x2 [e0.092x2]	
6st = \$31.83	
95% confidence internal for In St are:	
By internal Table for critical value at $\sigma/2 = 0.05$ = 0.025 is 1.96	
4 18 + 201 4 0 110	
4.18 ± 1.96 × 0.42	
3.35, G.01	
Corresponding 95%. confidence internal for ST= are  = 3.75 g e5.81  = 38.52 & 150.44	
= 28.52 × 150.44	

