owneuint4	
Problem I	bond price p(t)T) PDE:
	1 Pm (m(t)+6)+P, (u-knt))+Pt- mp=0
	inf P= exp   A(T,+) - B(T, +) 11+)}
	Pri = B'(T.+7. P
	$p_{Y} = -\beta(T_{1}t) \cdot p$
	P+ = P. A+ - P. 147) Pt
	$At = \mu_B - \frac{1}{2}6^2B$
	$Bt = kB + \frac{1}{2} \cdot B^2 - 1$
	Therefore = Primb+6)+Prin-knt)2+Pt- nt) P.
	= + P.B(mit)+6)p. B1 W-knth)+ P(WB-262B)-P. nto(kb+218-1)-nto)
	=. Pnt)-Pnt)=0
	P(+,T)= explAth_T)- B(+,T) N(+)], where dA = MB- 1/6B2, dB = KB+ 1/1B1-1