$$Bond\ Value = \left[C \times \frac{1 - \frac{1}{(1+r)^t}}{r}\right] + \frac{FV}{(1+r)^t}$$

$$Current\ Yield = \frac{Annual\ Coupon}{Price}$$

$$1 + R = (1 + r) \times (1 + h)$$

$$V_0 = P_0 = \frac{D_1 + P_1}{(1+k)^t}$$

$$V_0 = P_0 = \frac{D_1}{(1+k)^1} + \frac{D_2}{(1+k)^2} + \frac{D_3}{(1+k)^3} + \cdots + \frac{D_t + P_t}{(1+k)^t}$$

$$V_0 = P_0 = \sum \frac{D_t}{(1+k)^t}$$

$$V_0 = P_0 = \frac{D_0(1+g)}{k-g} = \frac{D_1}{k-g}$$

$$V_0 = P_0 = \frac{D_1}{(1+k)^1} + \frac{D_2}{(1+k)^2} + \cdots + \frac{D_t + \frac{D_{t+1}}{k-g}}{(1+k)^t}$$

$$Implied\ Price = Industry\ PE\ Ratio \times Firm's\ EPS$$

$$PE\ Ratio = \frac{Price\ Per\ Share}{Earnings\ Per\ Share} = \frac{Price\ Per\ Share}{Net\ Income/Shares\ Outstanding}$$

$$E(R) = k = r_f + \beta(E(R_M) - r_f)$$

$$Total\ \%\ Return = \frac{D_{t+1}}{P_t} + \frac{P_{t+1} - P_t}{P_t}$$

$$E(r) = \sum_{s=1}^{S} p(s)r(s) = p(s_1)r(s_1) + p(s_2)r(s_2) \cdots + p(s_S)r(s_S)$$

$$Var(r) = \sigma^2 = \sum_{s=1}^{S} p(s)[r(s) - E(r)]^2$$

$$SD(r) = \sigma = \sqrt{Var(r)}$$

$$V = E + D$$

$$\frac{E}{V} = \frac{Shares\ Outstanding \times Price\ Per\ Share}{V} \quad \text{and} \quad \frac{D}{V} = \frac{Market\ Value\ of\ Debt}{V}$$

$$WACC = \frac{E}{V}R_E + \frac{D}{V}(1 - T_C)R_D$$