Wednesday	n-body , October 11, 2017 7:37 PM
	11-body growity Equation
	$\widehat{Y}_{i,j} = G  m_i m_j  \overrightarrow{\Gamma}_{i,j} = \overrightarrow{X}_j - \overrightarrow{X}_i$
	$\frac{1}{1} = m \vec{a}$
	$\vec{\alpha}_{i} = \sum_{j=1}^{n} \vec{\beta}_{i,j} = \vec{\beta}_{j} \frac{\vec{m}_{i} \cdot \vec{\Gamma}_{i,j}}{ \vec{\Gamma}_{i,j} ^{3}}$
	$\overrightarrow{V} = \overrightarrow{d}\overrightarrow{X}$ - We vant to model $\overrightarrow{X}_i(t)$
	$\overrightarrow{dt} = -We \text{ Will Step through time } (t)$ $\overrightarrow{a} = \overrightarrow{dV} \text{ in increments of hand update}$ $\overrightarrow{dt} = \overrightarrow{V}_i(t) \text{ and } \overrightarrow{V}_i(t) \text{ with } \overrightarrow{a}_i$
	$\vec{V}(t+h) \approx \vec{V}(t) + h \cdot \vec{\alpha}$
	$\vec{x}(t+h) \approx \vec{x}(t) + \vec{V}(t) \cdot h + \sqrt{z} \vec{a} h^2$