Dot Product of 2 weeker  $\overrightarrow{a} \cdot \overrightarrow{b} \Rightarrow a_1 * b_2 + a_2 * b_2 + \cdots + a_n * b_n$   $\Rightarrow \left[ a_1 a_2, a_3 \cdots a_n \right]_{n} * \left[ b_1 \right]_{n}$ 70.6 70.6 = 101/x 161/ + cos 0 Moder 11a11 is magnitude of a ie dustance of foint a



