Random Variables Random variable is a process of mapping the output of a random Process or experiment to a number. Example: Ranslom process Tolling a coin Rolling a dice Measure the temperature of next day Random nariables $X = \begin{cases} 0 & \text{if } H \\ 1 & \text{if } T \end{cases}$ Y[Sum of rolling = {4,6,5,1,2,3,1} dice 7 times] difference random variables and noriable cue use in linear algebra DC + 5 = 7 y+2=10 y=8 y + x = 10 Maluer are fixed where are natures of random nariables are dependent on outlomes of random experiment. Hences

value is not fixed.