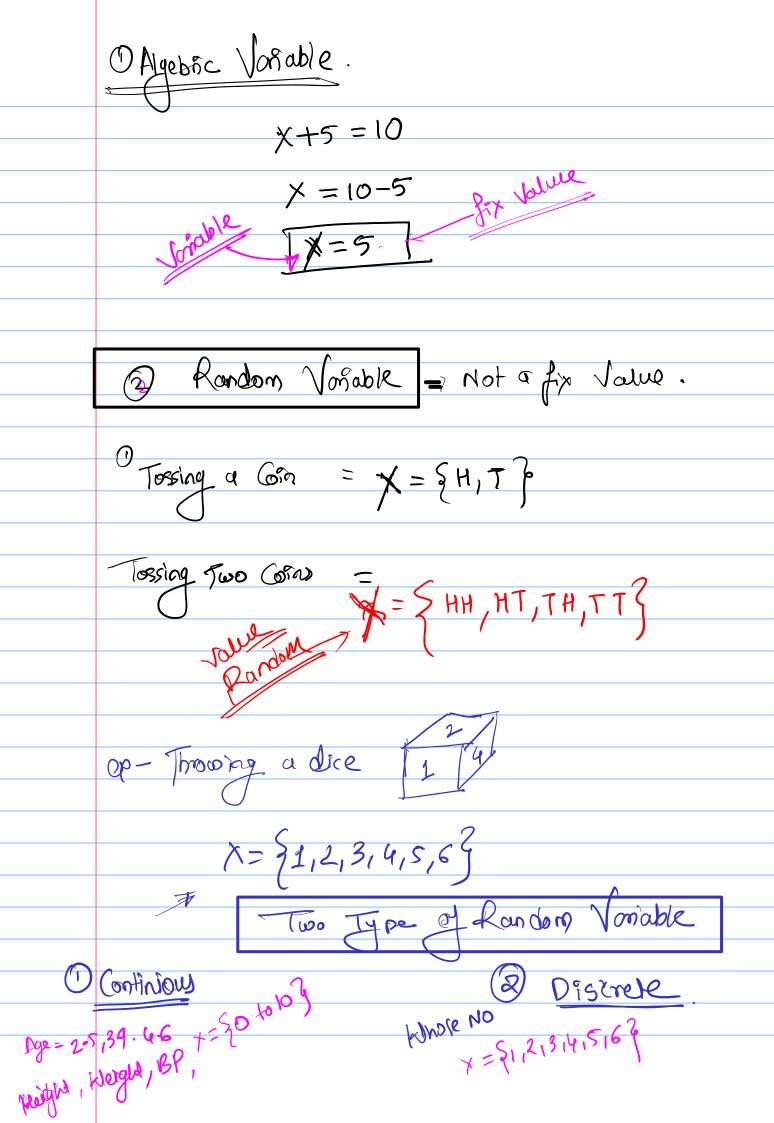
PL= P (Nt) 78,82,84,88,91,93,94,96,98,99] 0 -25% PL= 25 (11) = 1 (11) = 11 POSTH =82+0.75(84-82 -82+0°75 = 83.5 = 25% np. Quantile (data, 0.25) outlier Defeution 03t 1.5.2012

Probability Distribution (Inance) = rhances of event occurring. Probability (P) = no. of favorable outcome. CY = Tossing a coin = no. of aetcome = {H, T} = 2 P(H)= 2 P(T)= 2 Total probability = 1 P(H) \* P(T) =1 1/2\*(2-1

Vonable 6- It is a Container that Contain Value.



	Propobilit	4 Dis	portion						
	It is a list of all possible outcomes of a Random vonable along with their compording probability.								
ÇF	- Dishibuti	on of	To3510	g a Co	<u>)                                    </u>				
•	Supopynyh Orgowe		H 1/2	7/2					
ΟX	= Dishibution	of Th	001ag	a Dice					
	Contone.	1	2	3	4	5	6		
	probability	3/6	2/6	16	6	6	6	o	

age Thoroine a Dice (Twice) Dice 1 Dice 2 1 8. 10 1) 10  $P(3) = \frac{2}{36}$   $P(3) = \frac{3}{36}$   $P(4) = \frac{3}{36}$   $P(5) = \frac{9}{36}$ P(6) = 5/36 P(7) = 6/36 P(8) = 5/36P(0)= 4/36 P(10)=3/3/P(11)=2/36 P(12)= 1/36 Probability Distribution Function o It is a mathematical expression that describe the probability of different possible outcomes for an  $J = J(x) = J = \begin{pmatrix} 6, & \text{if } x \in \{1,2,3,4,5,6\} \end{pmatrix}$ experiement.

