	Tutorial 2
1.	In discriminative madel sufferd Conditional Prob
	In generalize model swefind Joint prob
2.	Prior prob = # occurrence of pasticular class
.3.	and the second of the second o
	Yes cridence can be ignored as me divide ky some value for all classes and use only consider prediction by max of classes.
4.	conditional prob and hence it is ophinal
5,	No, need not be contiguous
1000	Eg. 0/2/2007
	Par Language
6.	$R_1 - C_1$ $R_0 - C_2$ $R_5 - C_1$
	P3-C1 R6-C2
77	(Lose) for class,
	2 - 1 0 + 0.07VI + 0.04 V) - 0.01VS
	= 0.07 + 0.08 + 0.03 = 0.18
300	53 => 27.01 = 0.1×200+0.07×100+0.04×0+0.01×1
	Su => 48 = 0.1,300 + 0.07x200 + 0.04x100 = 0.01x0

8. (2) Feature Vector & Frequencies of woods in the 1) we assume conditional independence to better Mulbinomial distribution as we use freque of woods which is a discrete dist 9. (a) feature Vector > 5 dies vector of amount of Sugar, beling powder, oil, temp and diesa hon 6) We assume conditional independence b/w the 5 values in vector. D'Since amont of Sugar, etc are Continous variable, we use Granssian Distribution. 10. () Featre vector & 3 din vector of if warm, if rainly, 5) We assume conditional Endependence 5/w c) Since all vara are bivary we use Beznoulli dict. Not practical for large number or data pais as for every point ux need to clack its' distance with every other point to find K- nearest points. It will take lot of time for more points