Frequency table						
<u> </u>		Pas	2	fail	1	nigh
	POOY	8		18		1
?> Attendance		7	7			3
	Good		24			4
		Po	222	Fail		high
is Assignmen	it weak		7		9	5
	Avevag	2	17		20	2
	Fxcelle		15		14	1
		Pass		?ail	high	
	nal	1		35	0	
iii) elass particip		31		18	8	
		Pass	fo	(1)	hig	h
iv> Grender	Male	18	1	17		
	Female	21	3	36		7
19 Kelihood table Poor		Pass	fas	1	hig	0
	Poor	8/39	181	18/53		27/100
?x Attendance	Average	7/39	24/	153 3/8		31/100
	Grood					
		39/100	53	1100	8/100	

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				Pass		Fail		igh			
	wear	weak		7/39		19/53		5/8		31/100	
ris Assign	nment Averag	Average		17/39		20/53		2/8		100	
	Excell	Excellent		15/39		14/53		1/8		30/100	
		- 1/3/200		00	53/100		8/100				
				Pa	22	fail		high			
iiix class particip		Non	nal	81	39	17	153	1/8	2	6/100	
	parnapanen	High	1	31/				153 718		4/100	
				39	59/100 5		3/100	8/100			
	of dayshar bar	Pas	28	fail	1	igh	180				
in Gende	Male	18/	39 1	1/53	3 1	18	36/1	00			
	Female	21/3	39 3	16/5	3 7	18	64	hoo			
		39/1	00 5	3/10	0 8	2/100					
	Proposes.	1/100	1256	JE O	0 10	113	13.				
likelihood of 'pass' = P (Attendance = Poor/Pass) * P (Assignment = Average /pass) *											
4.50	P(1)	122A	June	int =	a tion	= +	Hah	Pas	x (2)		
2 F130.0 . 1.	P (21433	er - F	Tom	1e/	Pass	3) *	P (Pa	1225		
	P(G	nende	2Y = 1)						5	
$= \frac{8}{39} \times \frac{17}{39} \times \frac{31}{39} \times \frac{21}{39} \times \frac{39}{100}$											
= 0.014,925403											
13kelihood	00 1 Cail = P(Atter	dance	e = P	porl	Fall	1-01				
	PI	75510	lumer	11-1	1.	90	1.4.	2911	_		
P (class Participation = High [Fail] * P (Gender = Fernale/Fail) * P(Fail)											
$= \frac{18}{53} \times \frac{20}{53} \times \frac{36}{53} \times \frac{36}{53} \times \frac{53}{100}$											

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```
= 0.031338621
13 Kelihood of high' = P (Attendance = FOOV/high) *
                   P(Assignment = Average / high ) +
                   P (class Participation = High I hegh) *
                   p (Grender = Female ! high) * P/Aigh
       = 0.001940625
   P (Pass) = 0.01492549 (0.0149254630.031333621+
                                       0.0019406
            = 0.014925/0.048204649
           = 0.809628
    P(Fail) = 0.031338621/0.048204649
            - 0.65011
     P(high) = 0.001940625) (0.014925403+
                             0.31338621+0.001944
             = 0.001940625 0.0 48 2046 49
             =0.04
                          Pass - 31-1.
                           Fail - 691.
                           migh - 4.1.
```