nama: Frizzy Andrew

nim : 3922110009

mata Fullah: penambanjan data

- 1.) hitunglah secare manual information gain dari dat. di camping

 - Information gain (class: Online (ourse)
 Information gain (class: Online (ourse)

- Information dain (Class: Morting Status)						
Online Cour	rse Education backgrul	Status	Class			
4	mathe	NN	Pase			
N	Mostre	ω	Fall			
Y	maths	V	poll			
Y	CS	17W	Yas			
N	Otha	W	Foul			
4	04 per	W	- Fost			
7	wat pl	Mo	Paer			
~	CS	NW	tas=			
N	maths	W	Part			
14	Cs	W	Pase			
Y	CS	W	Pare			
N	Mayke	MΜ	Pase			
Y	other other	W	Fall Just			
14	0ther	WO	Fay S			
Н	mathe	W	Fay J			

$$E (result) = -\frac{8}{12} \times log_{1}(\frac{8}{12}) - \frac{4}{12} \times log_{2}(\frac{9}{12}) - \frac{4}{12} \times log_$$

Perut online Course

Pair fail Sum

7 5 2 7

N 3 2 5 Sum: 12/

$$E(Y) = -\frac{5}{7} \times \log_2(\frac{5}{7}) - \frac{2}{4} \times \log_2(\frac{2}{7})$$

Perut education background

$$E(matter) = -9/6 \times (0.52(9/6) - 2/6 \times (0.92(2/6))$$

= -0.667 × (-0.784) -0.333 × (-1586)
= 0.917

$$E(\text{other}) = -0/2 \times \log_2 (0/2) - 2/2 \times \log_2 (2/2)$$

= 0 -1 x0

F	00	EB	(v) ç
Fail	7	other	foil
Fail	И	othe	foil
Fail	Н	pronth	Fail

2.)	Yelas Artua	CI	C 2	C3
	Cı	1/0	8	7
	CL	16	150	(s
	Cz	24	Б	120

Akurasi = Junior pretici yz burn total junior pretici

> Akmer : 360 = 0,83 732 : 83,3%