

Don't play play

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			Jml	tidak (s <sub>1</sub> )	ya (s <sub>2</sub> )	Entropy	Gain
<input type="checkbox"/>			Kasus (S)				
<input type="checkbox"/>	Total		14	4	10	0.86312	
<input type="checkbox"/>	Outlook						0.258521
<input type="checkbox"/>		Sunny	5	3	2	0.97095	
<input type="checkbox"/>		Cloudy	4	0	4	0	
<input type="checkbox"/>		Rainy	5	1	4	0.72193	
<input type="checkbox"/>	temp						0.18385
<input type="checkbox"/>		cold	4	0	4	0	
<input type="checkbox"/>		hot	4	2	2	1	
<input type="checkbox"/>		mild	6	2	4	0.9103	
<input type="checkbox"/>	humidity						0.3705065
<input type="checkbox"/>		high	7	4	3	0.98523	
<input type="checkbox"/>		normal	7	0	7	0	
<input type="checkbox"/>	windy						0.0059777
<input type="checkbox"/>		yes	6	4	2	0.9183	
<input type="checkbox"/>		no	8	2	6	0.81128	

$$\text{Rumus Entropy}(S) = \left( -\frac{s_1}{S} \cdot \log_2 \left( \frac{s_1}{S} \right) \right) + \left( -\frac{s_2}{S} \cdot \log_2 \left( \frac{s_2}{S} \right) \right)$$

$$\text{after Entropy}(S) = \sum_{i=1}^n -p_i * \log_2 p_i$$

Keterangan:

S = himpunan kasus

A = Fitur

n = Jumlah Partisi

P<sub>i</sub> = Proporsi dari S<sub>i</sub> terhadap S



No. \_\_\_\_\_

Date: \_\_\_\_\_

Jml

	Humidity		$k_{\text{casus}}(s_1)$	$k_{\text{data}}(s_1)$	$y_a(s_2)$	Entropy	Gain
<input type="checkbox"/>	High		7	4	3	0.98522814	
<input type="checkbox"/>	Outlook						0.69951385
<input type="checkbox"/>		Cloudy	2	0	2	0	
<input type="checkbox"/>		Rainy	2	1	1	1	
<input type="checkbox"/>		Sunny	3	3	0	0	
<input type="checkbox"/>	Temp						0.2024421
<input type="checkbox"/>		Cold	0	0	0	0	
<input type="checkbox"/>		Hot	3	2	1	0.91829583	
<input type="checkbox"/>		Mild	4	2	2	1	
<input type="checkbox"/>	Windy						0.2024421
<input type="checkbox"/>		yes	3	2	1	1	
<input type="checkbox"/>		no	4	2	2	0.9182958	

	Humidity High		Jml k <sub>casus</sub>	k <sub>data</sub>	y <sub>a</sub>	Entropy	Gain
<input type="checkbox"/>	Low		2	1	1	1	
<input type="checkbox"/>	Outlook Rainy						
<input type="checkbox"/>	Temp						0
<input type="checkbox"/>		Cold	0	0	0	0	
<input type="checkbox"/>		Hot	0	0	0	0	
<input type="checkbox"/>		Mild	2	1	1	1	
<input type="checkbox"/>	Windy						1
<input type="checkbox"/>		yes	1	1	0	0	
<input type="checkbox"/>		no	1	0	1	0	



No. \_\_\_\_\_

Date: \_\_\_\_\_

