

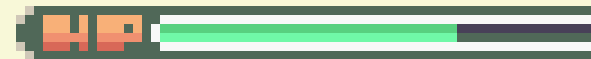
TRAPINCH♀

Lv:20



PELIPPER♀

Lv:46



86/125



A critical ~~hit!~~ thinking!

Aditya Firman Ihsan



Apa itu  
Critical?



Critical = keras,  
bahaya, penting,  
darurat?





Critical thinking =  
berpikir keras  
karena penting?



Well..ummm..



tj

câl

Crj



# Thinking

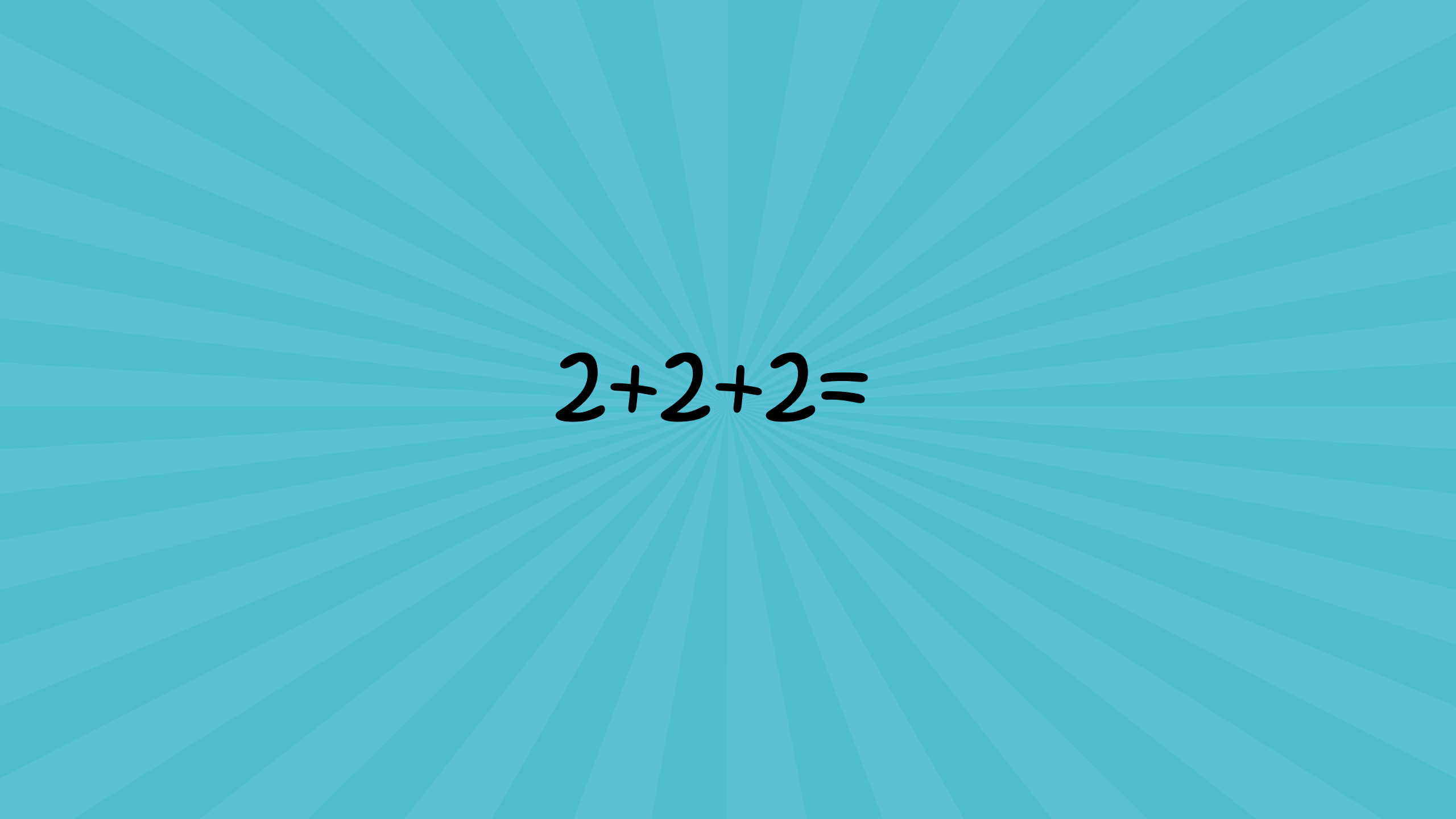
Kita pahami dulu 1 kata yang ini



Apa itu  
Thinking?

Sekarang main dulu  
yuk, coba jawab singkat  
(<2 detik)  
hal-hal berikut




$$2+2+2=$$


$$27+3+51+48+17=$$

The background of the image is a sunburst pattern with many thin, light blue rays radiating from the center. The rays are evenly spaced and create a sense of depth and movement.

Aku dan kau,  
Suka .....

Berapa banyak “a”?

aaa

Berapa banyak “a”?  
garuda panCasila

Berapa banyak “a”?  
lebensabschnittspartner

The background of the image is a sunburst pattern with many thin, light blue rays radiating from a central point. The rays are evenly spaced and create a sense of depth and movement.

Apapun makanannya  
Minumnya...

The background of the image is a sunburst pattern with many thin, light blue rays radiating from the center. The text is centered over this pattern.

Bumi berputar  
berapa kali sehari?



Pensil dan buku harganya 2500,  
buku harganya lebih 1000 dari  
pensil, berapa harga pensil?

Yang warna hijau mungkin berklorofil  
Rumput hijau  
Rumput mungkin berklorofil?

A bilang B bohong,  
padahal kalau B jujur, A bohong  
Ternyata B bohong  
A jujur?

$$1=5$$

$$2=8$$

$$3=123$$

$$4=2343$$

$$5=?$$

Orang pintar minum...

The background of the slide is a sunburst pattern with many thin rays radiating from the center, all in shades of light blue. The text is centered on the slide.

Yak cukup dulu,  
bisa jawab benar berapa?



System 1: Cepat, otomatis, emosional, tak sadar

System 2: lambat,  
malas, butuh usaha,  
Sadar, logis



THINKING,  
FAST AND SLOW



DANIEL  
KAHNEMAN

WINNER OF THE NOBEL PRIZE IN ECONOMICS



“Berpikir” itu  
butuh usaha





No thinking



APA PUN MAKANANNYA  
MINUMNYA...

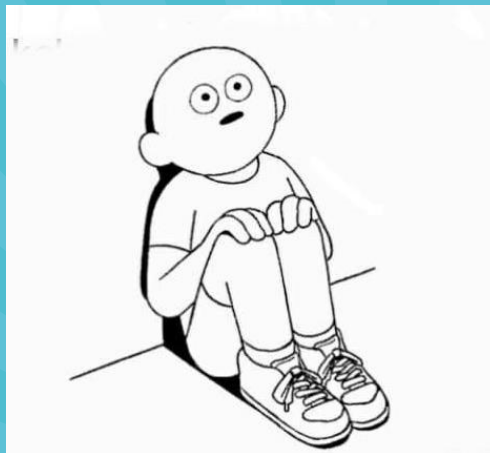
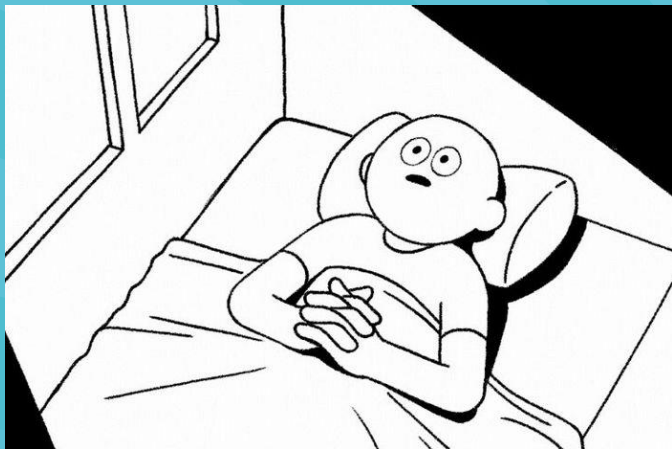
Looks like  
thinking



# Real Thinking



overthinking



No thinking

Real thinking

Looks like  
thinking

overthinking




System 1



System 2



Bagaimana  
sebenarnya  
berpikir?



Mikir apa  
waktu lihat  
foto ini?







Kalau ini?





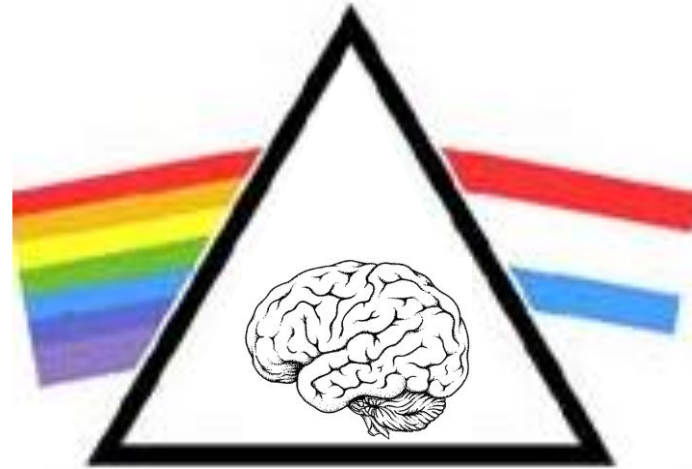
Pikiran

“mental filter”

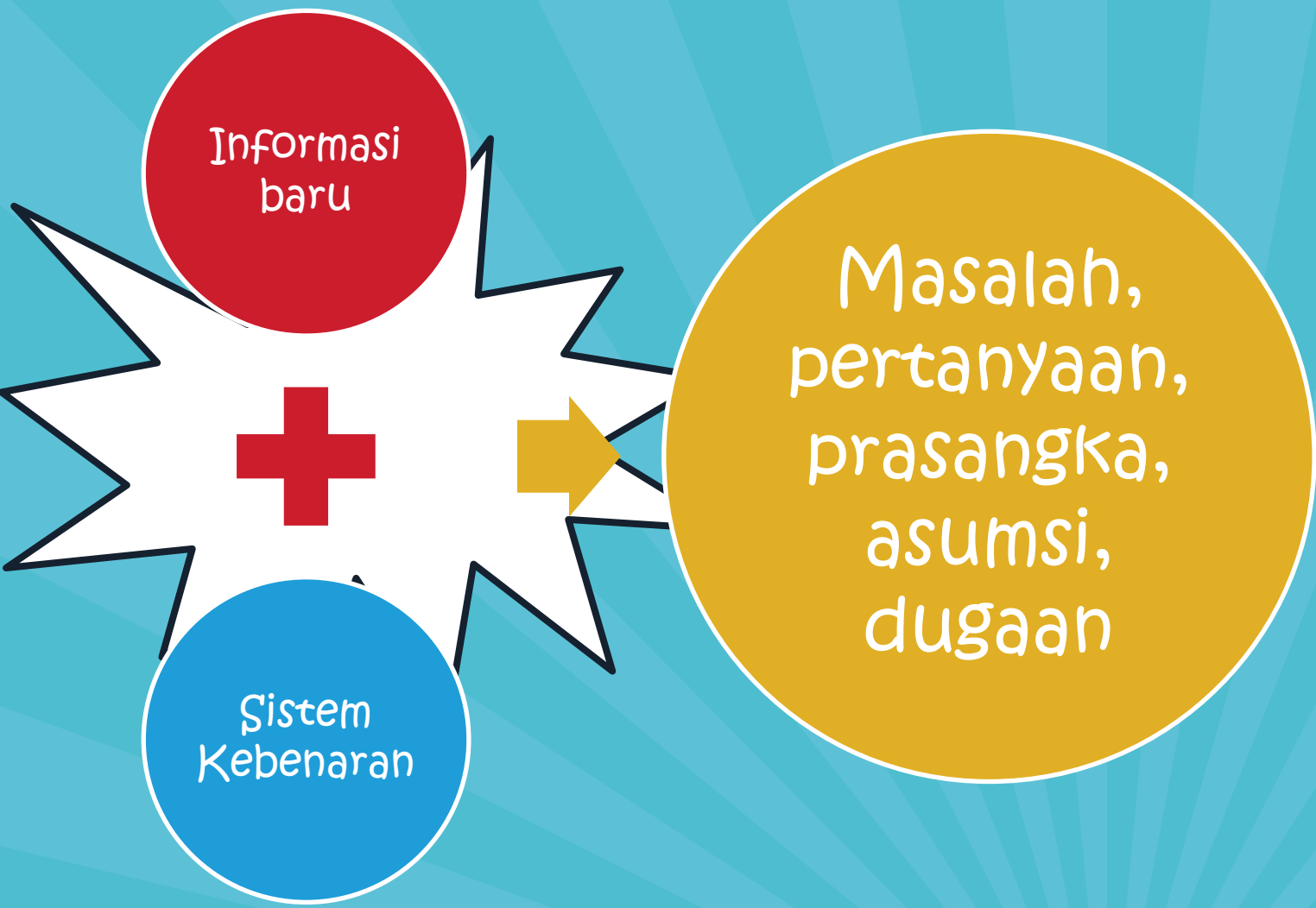
Informasi baru

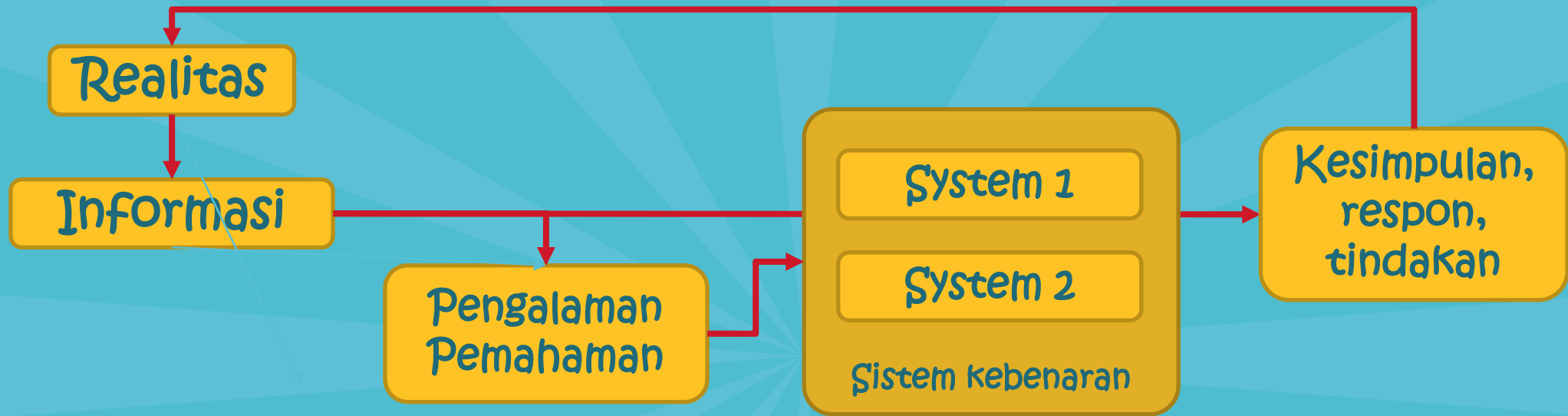
Setiap informasi pasti “disaring” sebelum masuk pikiran

## Mental filter

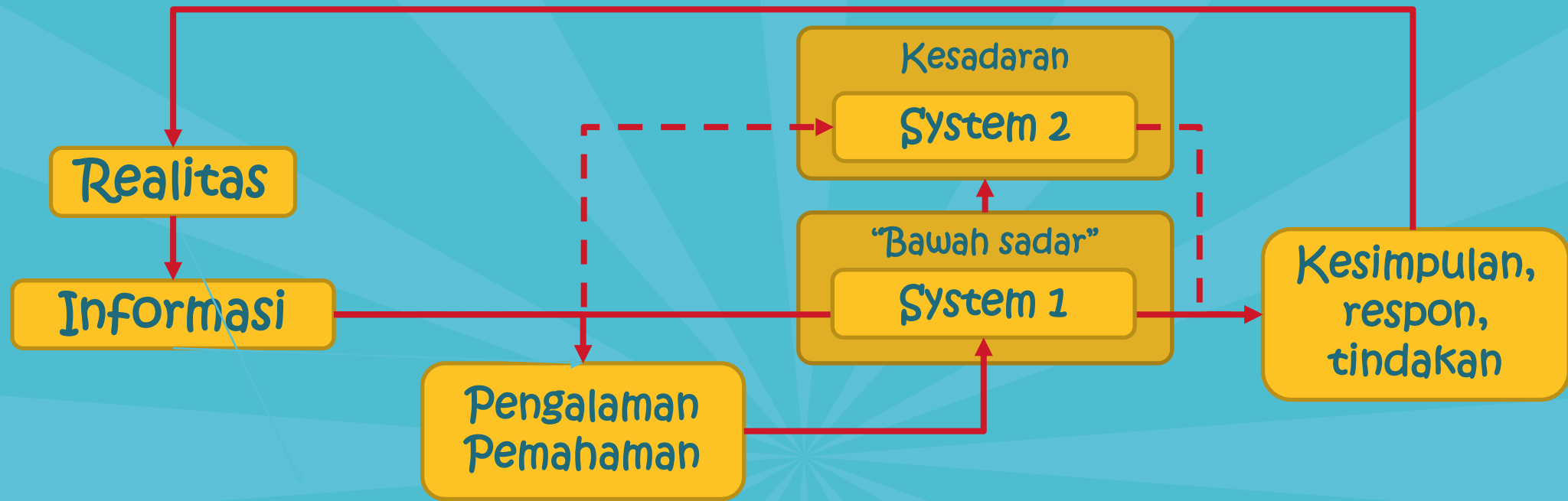


Ada banyak istilahnya,  
Kali ini kita sebut ia  
“sistem kebenaran”

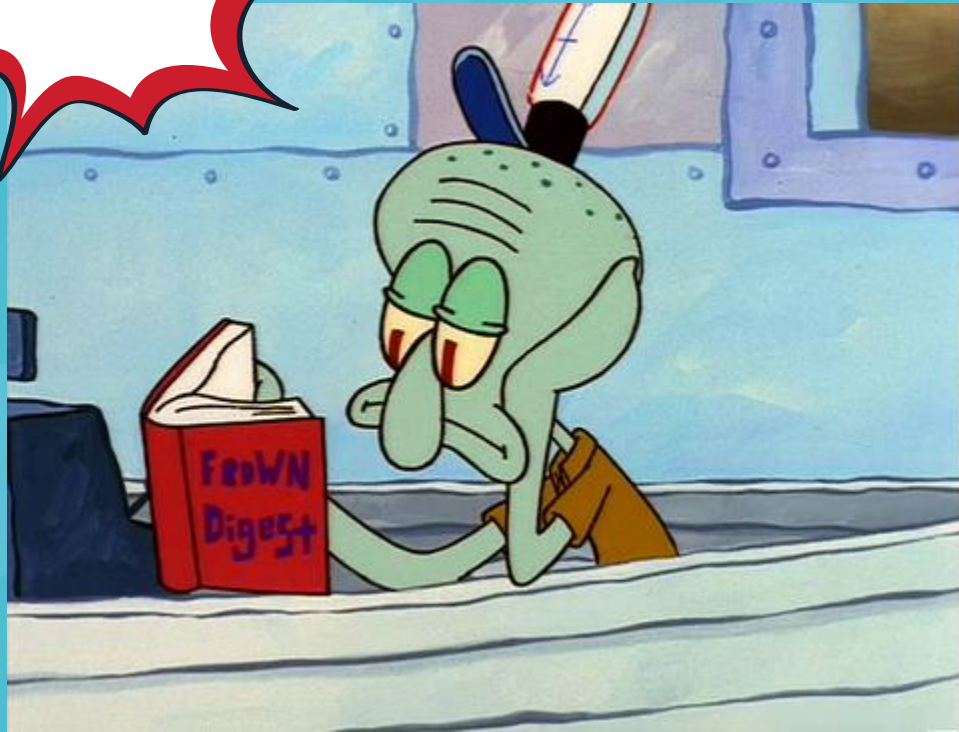




Setiap hari detik kita menerima informasi.  
Sistem kebenaran kita juga diperbarui terus



System 2, system yang "logis", hanya aktif dalam kesadaran, kecuali jika ada "benturan" pada system 1

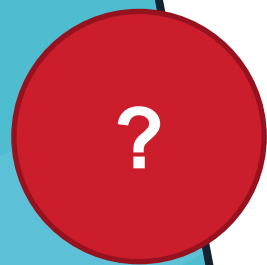
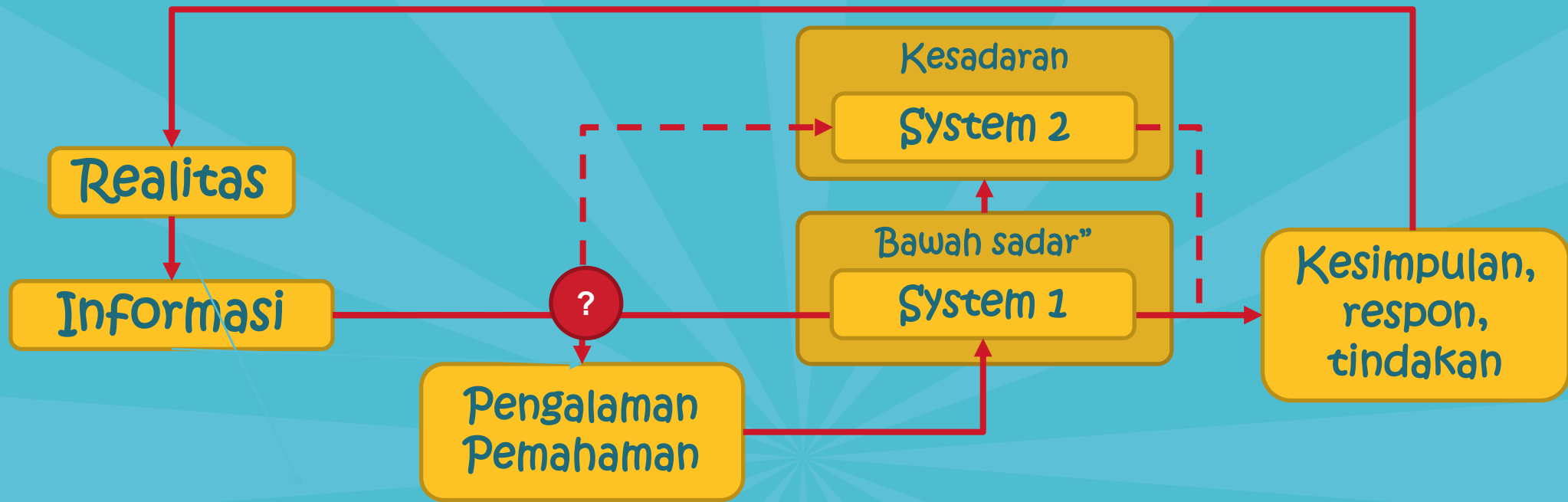


Sistem 2 memang harus selalu dipaksa, dikondisikan, didorong, dimotivasi, ditekan, agar mau kerja





Caranya?



**Bertanya**, menjadi pengarah agar informasi baru selalu masuk ke system 2



bertanya adalah langkah awal berpikir



Bertanya hanya awal  
System 2 pun memiliki filter  
Sering menghasilkan kekeliruan berpikir

### *Middle Ground*

Yang ditengah lebih mungkin benar

### *False cause*

Keliru membedakan korelasi dengan kausalitas

### *Faulty Generalization*

Penyimpulan data yang tidak tepat

### *Special pleading*

Membuat pengecualian tanpa dasar

### *Appeal to emotion*

Memfaatkan emosi untuk memanipulasi

# Kekeliruan Berpikir

### *Ignorance ->*

dianggap salah/benar karena sulit/gagal dimengerti

### *Equivocation ->*

Ketidakkonsistenan Definisi

### *Anecdotal ->*

Pengalaman pribadi

### *Texas Sharpshooter ->*

Pilih-pilih informasi/data

### *False Dilemma ->*

Terlalu mendikotomikan sesuatu



Critical vs  
Creative?



Apa yang terlihat?

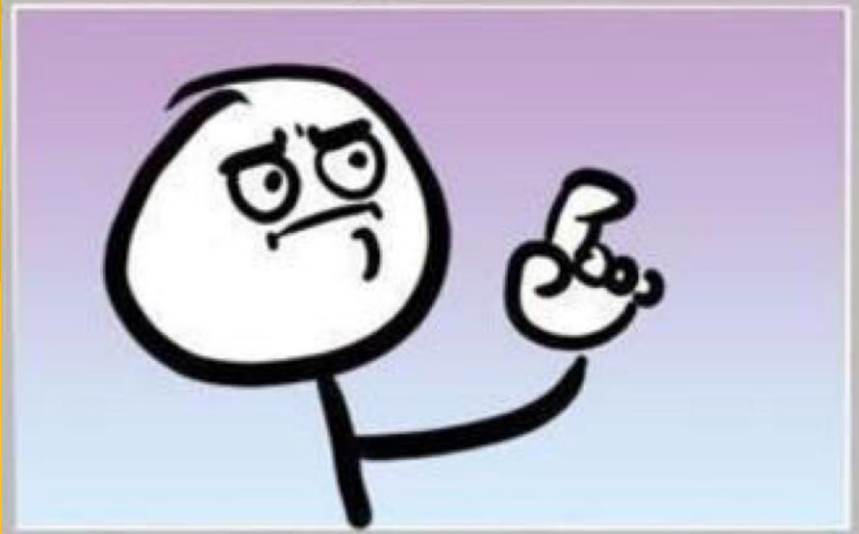
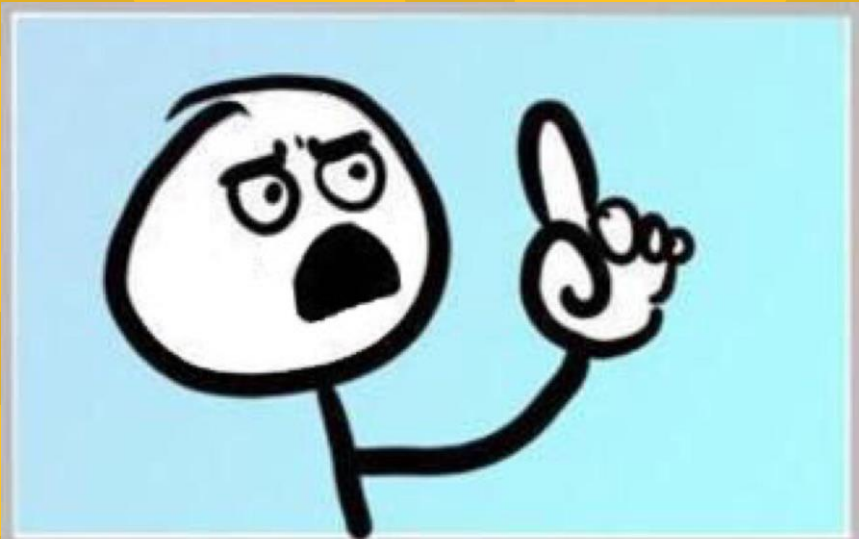


Apa yang terlihat?



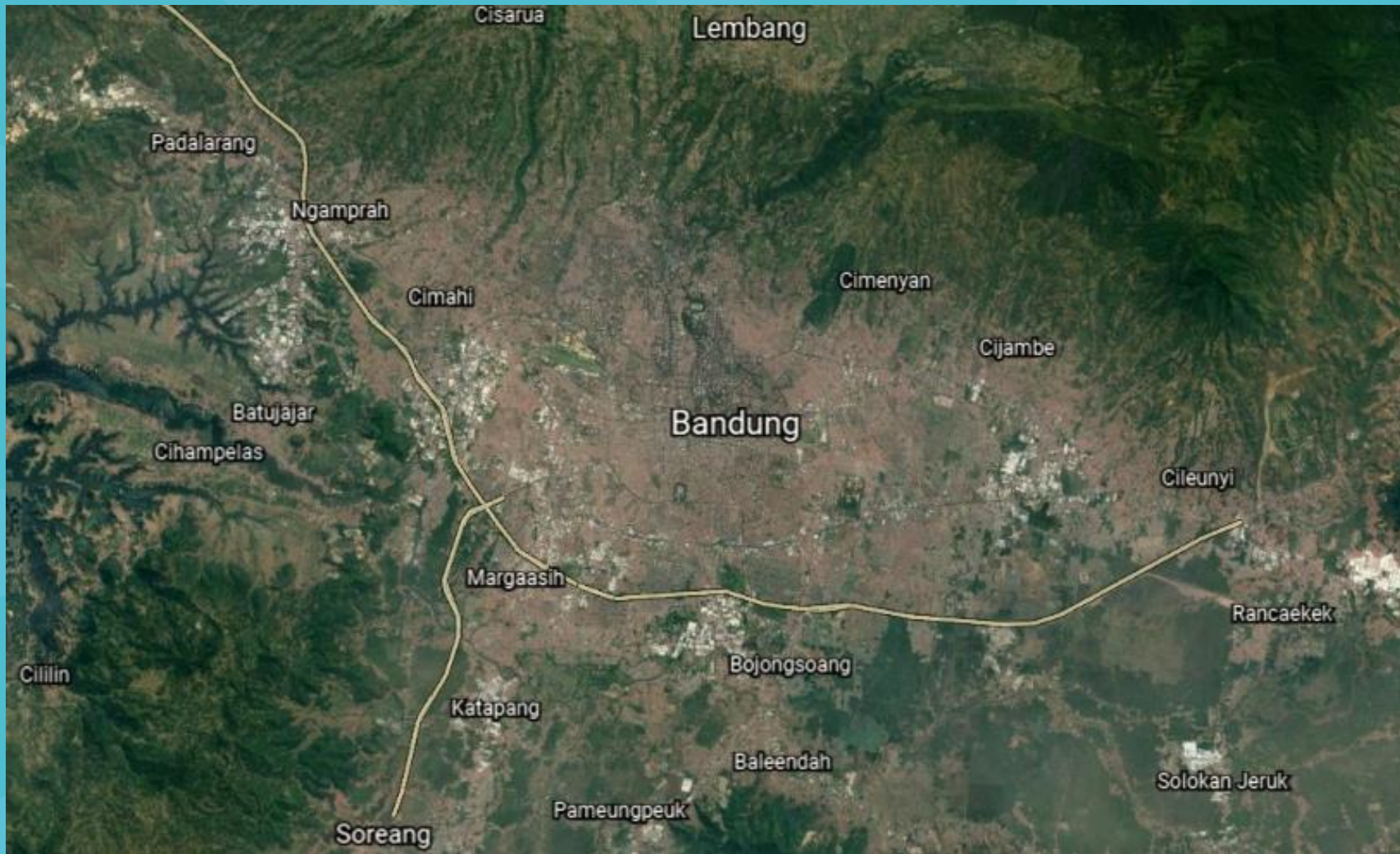


Apa yang terlihat?

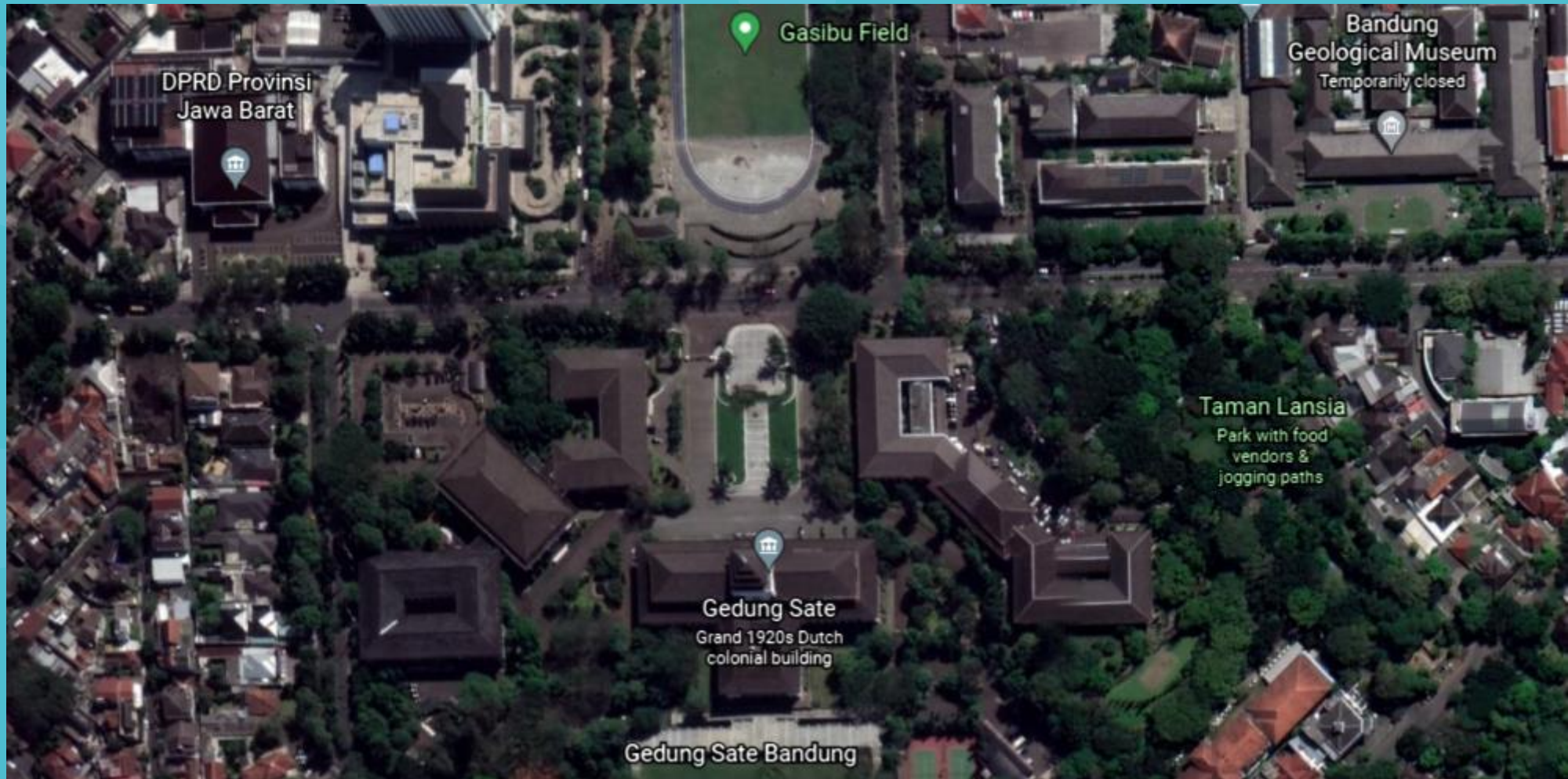




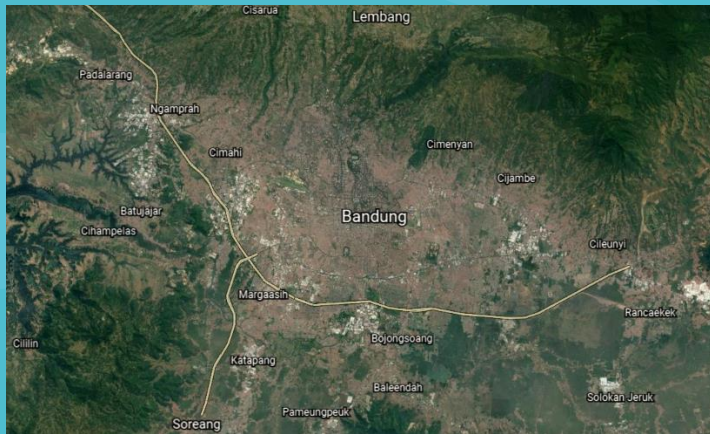
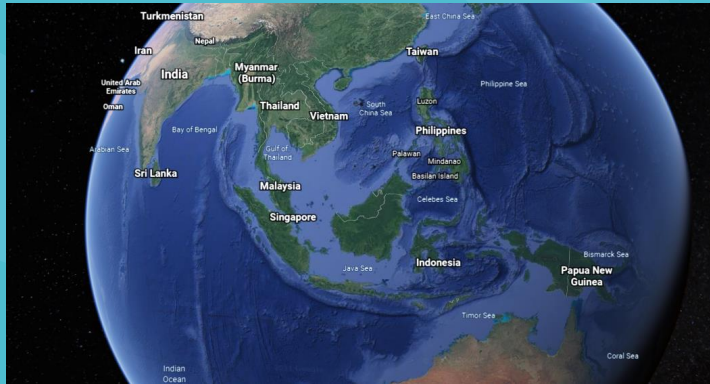
Bandung terlihat kah?  
Bumi bulat kah?



Bandung terlihat kah?  
Kalau gedung sate?  
Bumi bulat kah?



Gedung sate sekarang terlihat?  
Kota Bandung sendiri?



Kontekstual,  
holistic, *eagle*  
*view*, abstrak

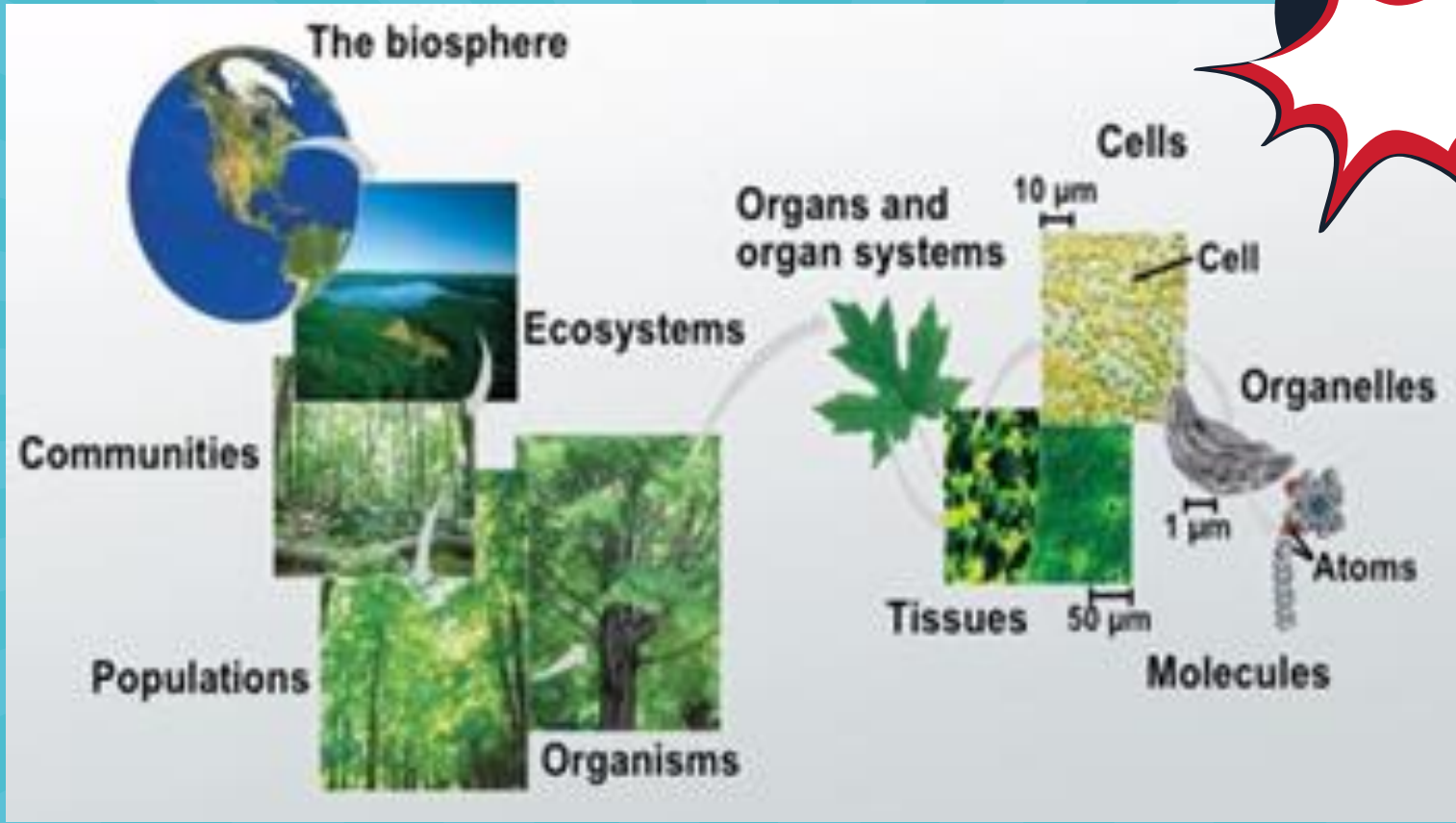


Tekstual,  
rinci,  
particular,  
*frogview*,  
konkrit

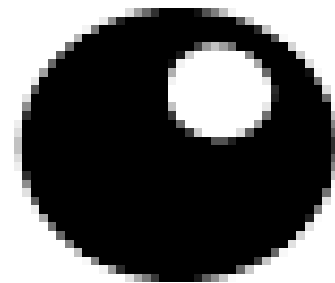
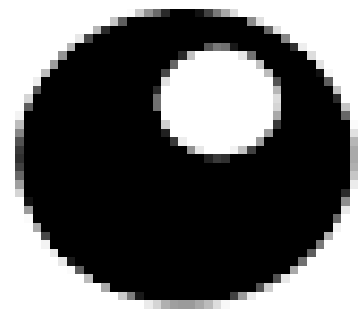
The background features a repeating pattern of stylized, overlapping geometric shapes in shades of yellow and gold. These shapes resemble jagged, star-like or crystalline forms, creating a vibrant and textured backdrop for the text.

# Emergent properties

Kumpulan dari objek dalam satu kesatuan akan memunculkan sifat-sifat baru (*emerge*)



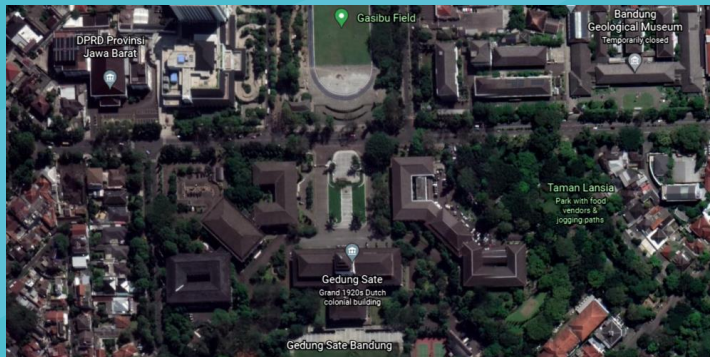
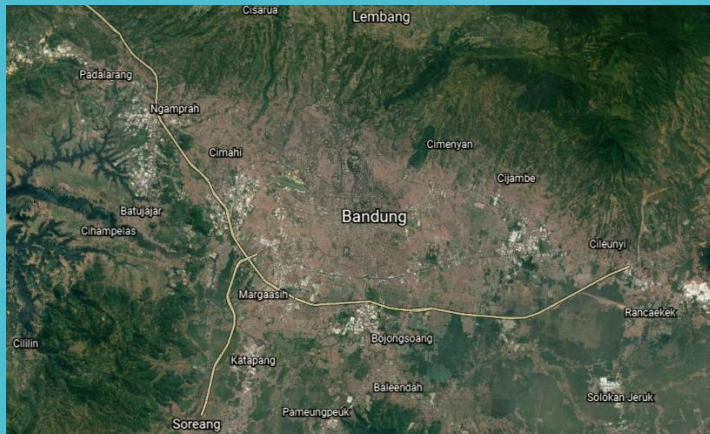
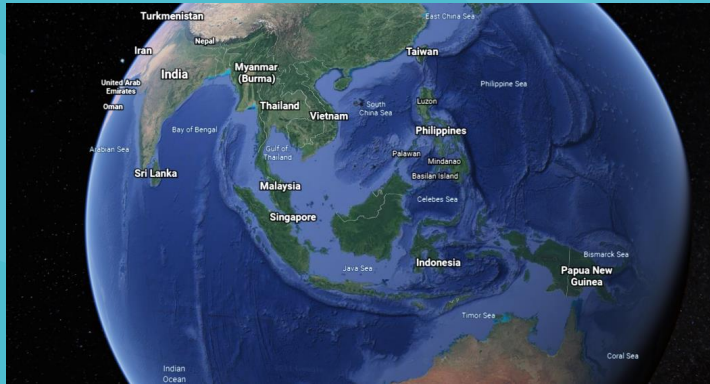




whoa...



**OKAY THEN  
WHAT?**



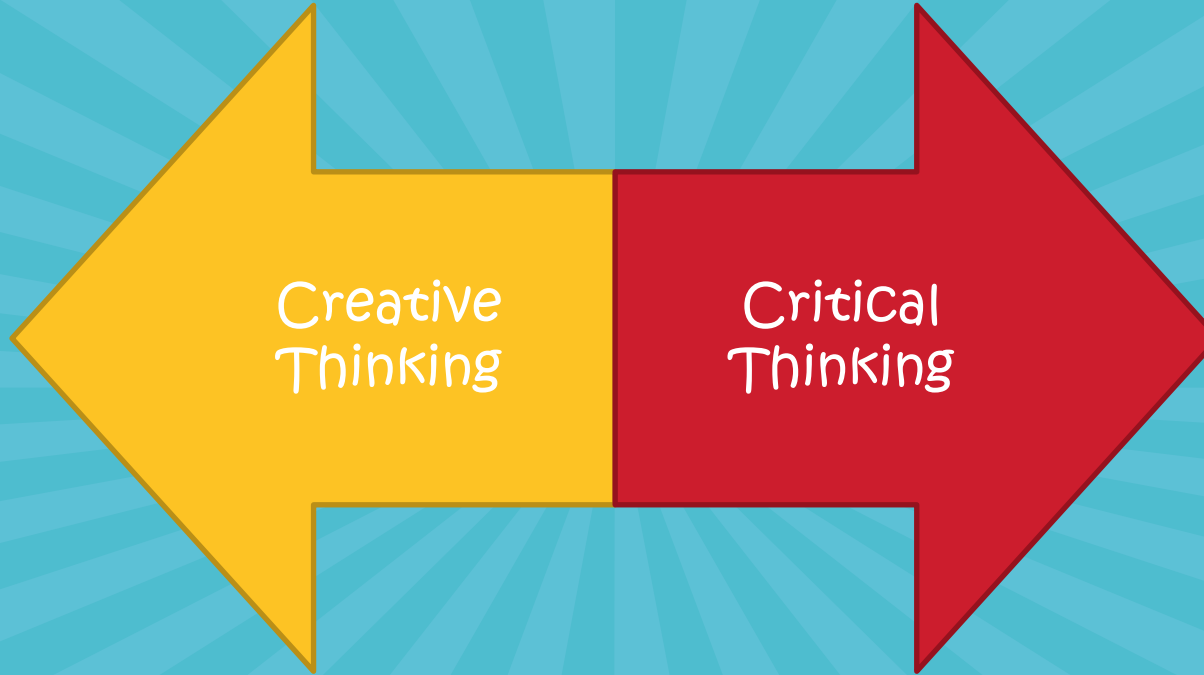
“Creative”



“Critical”



Create



Creative  
Thinking

Critical  
Thinking

Break  
down

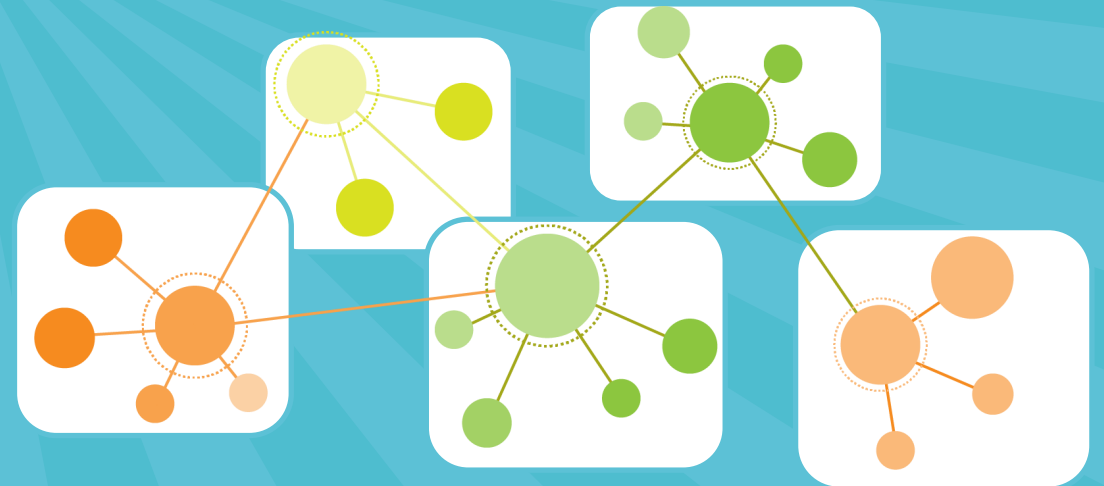
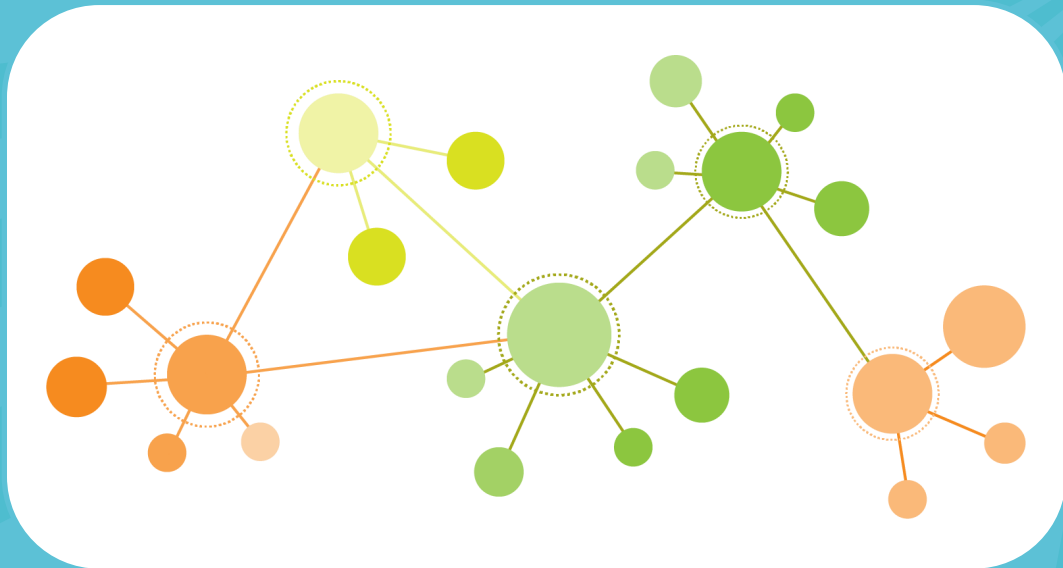


Creative Thinking

Critical Thinking

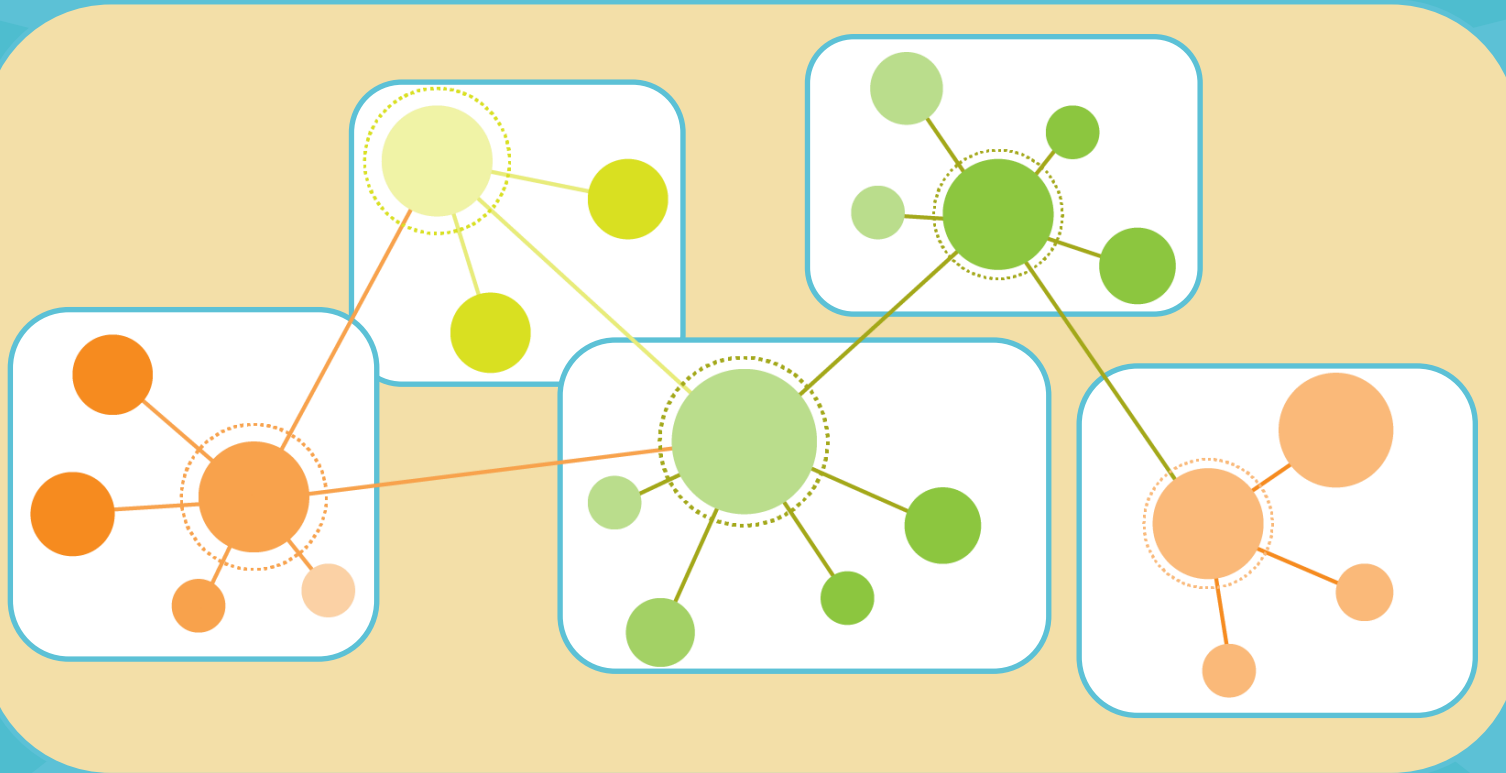
Sintesis, organistik-holistik,  
mengoneksikan, membangun  
menghubungkan,  
menciptkan, menyatukan,  
divergen

Analisis, mekanistik  
Memilah/memecah  
Merinci, meneliti,  
membongkar, menelaah  
Mengelompokkan  
konvergen



# Thinking

Memahami secara bersamaan  
keseluruhan sekaligus detail



Frog  
Leap  
(Intuisi,  
creative  
thinking)



Gagasan umum

Deduksi &  
Analisis  
(Logika,  
critical  
thinking)

Konsep rinci

# Saintis

Creative Thinking

Critical Thinking

# Teknik

Creative Thinking

Critical Thinking

# Desain

Creative Thinking

Critical Thinking

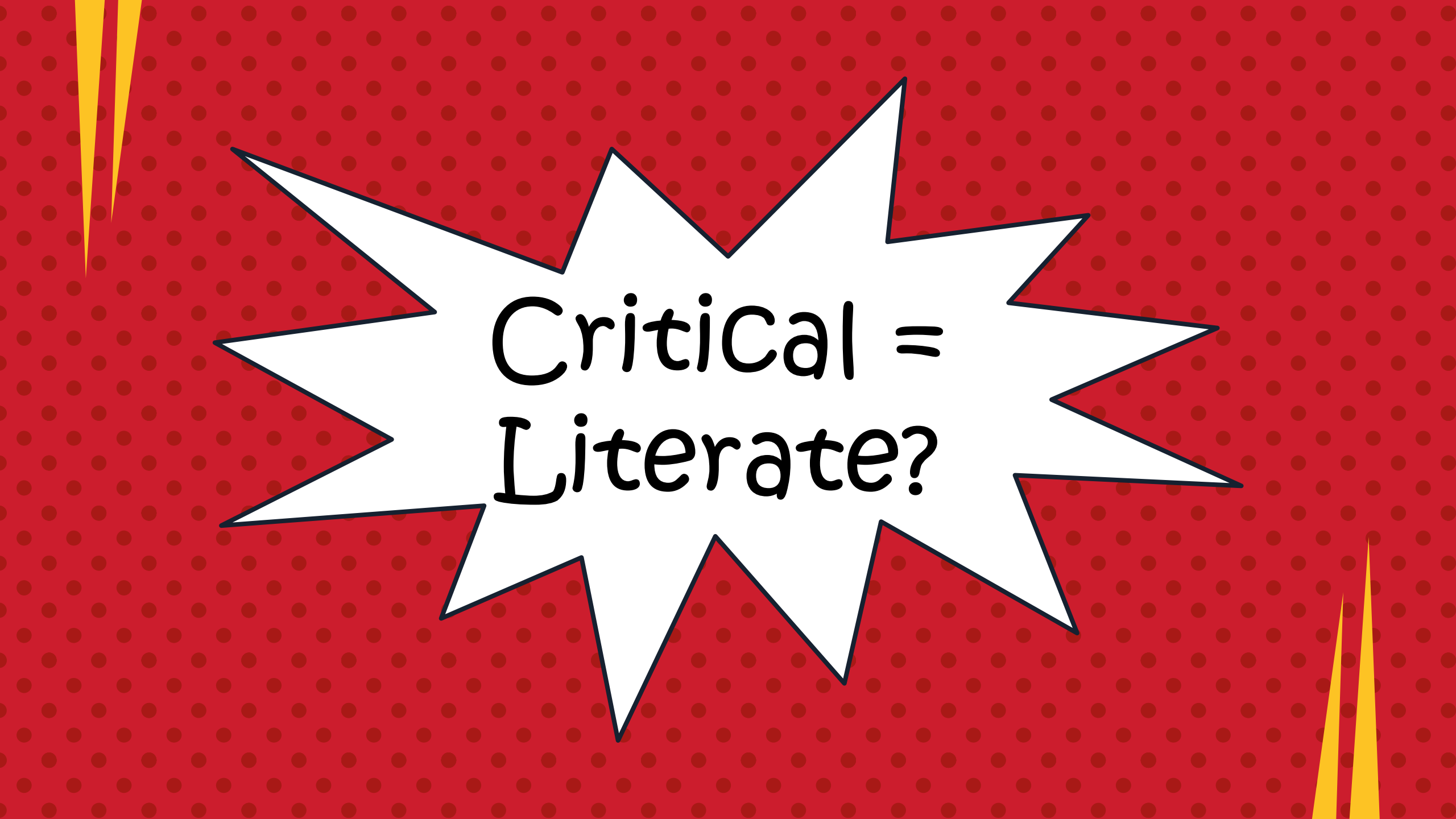
# Seniman

Creative Thinking

Critical Thinking







Critical =  
Literate?



# Kelisanan



# Literasi

**ORALITY**  
and  
**LITERACY**  
The Technologizing of the Word

NEW ACCENTS

Cicero thought of, however, as itself a text), and Josephus even suggested that Homer could not write, but he did so in order to argue that Hebrew culture was superior to very ancient Greek culture because it knew writing, rather than to account for anything about the style or other features in the Homeric works.

From the... g, deep im... r what... they in f... the Iliad and... they have... been comm... ded from ant... the present... as the mo... y, the true... e most in-... age. To... ch age has... better what... spired se... ceived ex... ning at... account... terpret the... interpreted... been inc... ets to be d... regrettable... it conce... ntic Movement... the 'pr... as a good rather... generally... stage o... ulture, scholars and... ery qualities... still t... ed to impute to... ongenial... that th... own... found... mental... congenial... More th... ap... r school... the A... can classic-... underc... ed... ist Milman... chauvinism so as to... into the... this cult... ral chauvinism so as to... into the... 'primitiv... e Homeric poetry... of this poetry's own... terms, even when these... ran... counter to... the received... view of what poetry and poets ought to be.

Walter J. Ong



Aspek Derivat	Budaya Literasi	Tradisi Lisan
<b>Indra Utama</b>	<b>Penglihatan</b>	<b>Pendengaran</b>
Kehadiran informasi	Awet	Temporal / Seketika
Struktur Pikiran	Abstrak	Konkrit
Basis ilmu	Logika	Memori
Transfer ilmu	Eksplisit	Implisit (naratif)
<b>Interaksi</b>	<b>Termediasi</b>	<b>Langsung</b>
Wujud informasi	Terisolasi (objek)	Holistik (subjek)
Sifat Pengetahuan	Tekstual	Kontekstual
Identifikasi diri	Individual	Komunal / Tribal
Komunikasi sosial	Dialektis	Reaktif



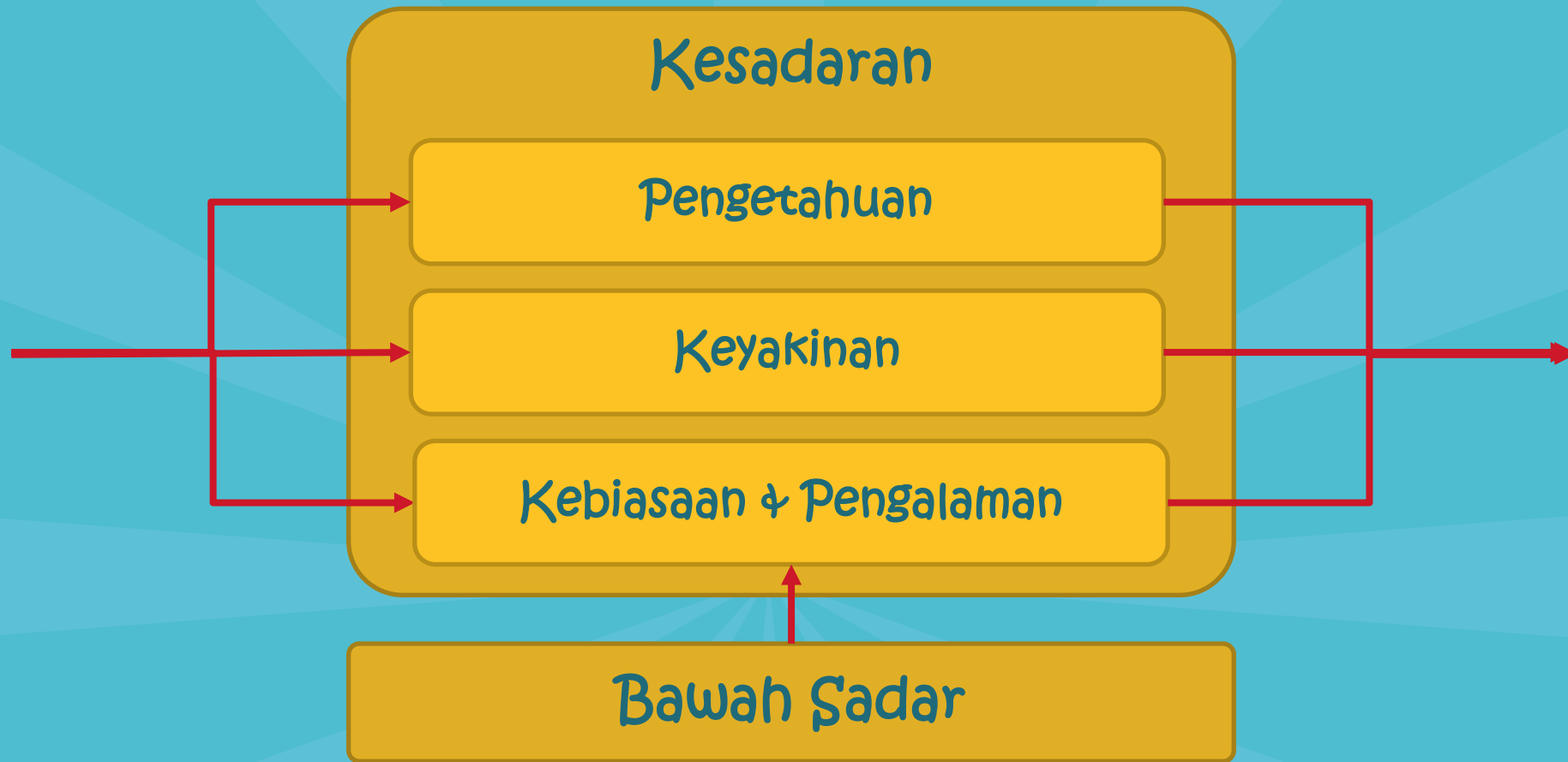
Buku mendorong dialog intim pikiran  
dengan teks; mengaktifasi system 2



Televisi, radio, chat, youtube, media sosial  
Merupakan “kelisahan sekunder”  
Subjek secara pasif menerima informasi  
*Mematikan system 2*



Critical =  
Netral?



Sistem 1 akan selalu memengaruhi system 2  
Menghasilkan bias kognitif

# Bias Kognitif

## *Confirmation bias*

- Cenderung mengaitkan dengan keyakinan yang sudah ada

## *In-group bias*

- Terbawa keyakinan kelompok

## *Anchoring*

- Terpengaruh *first judgement*

## *Availability heuristic*

- Hanya melihat yang mudah dipikirkan

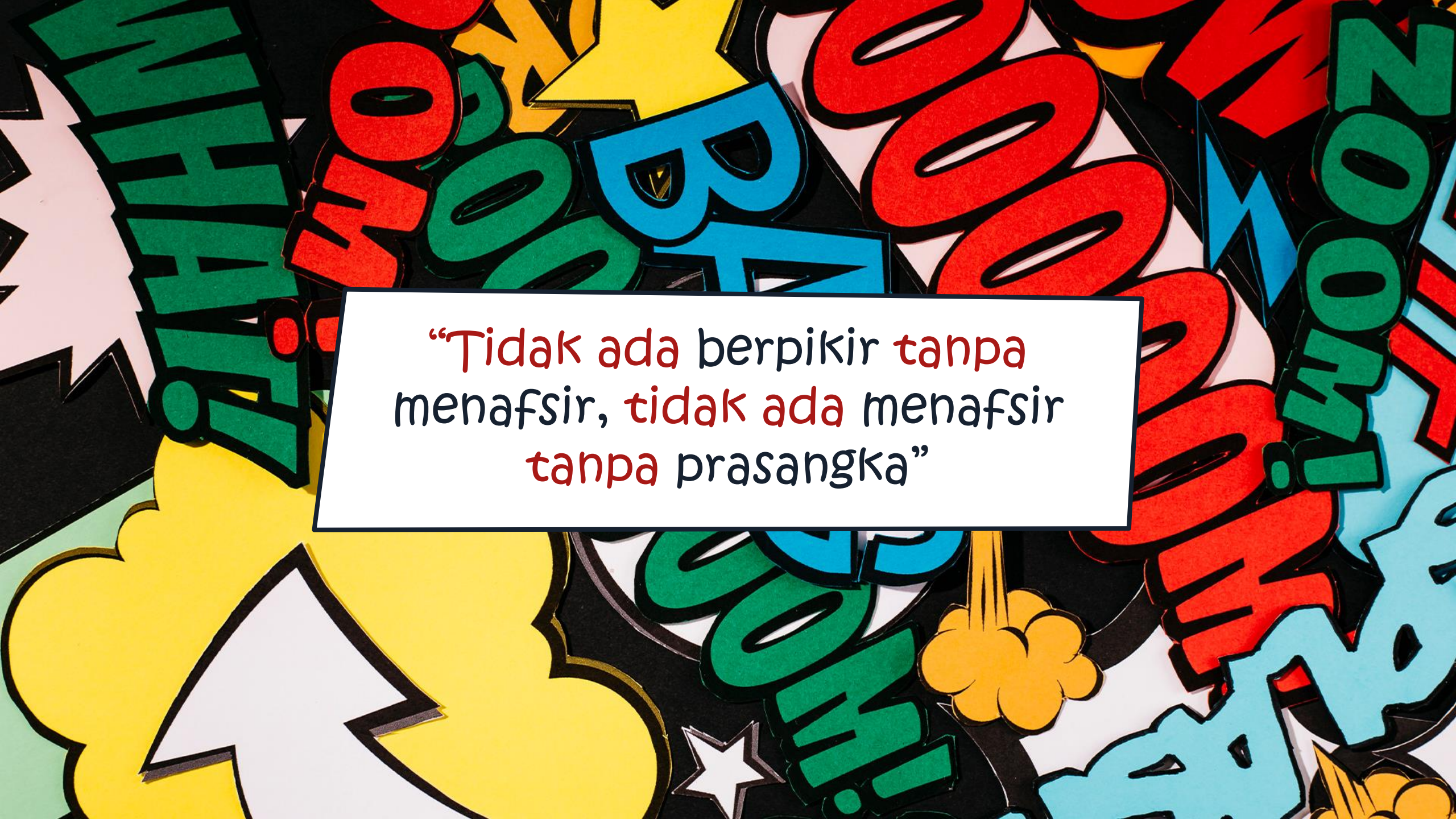
## *Halo effect*

- Terpengaruh kesukaan pada orang



Sayanghya...





“Tidak ada berpikir tanpa menafsir, tidak ada menafsir tanpa prasangka”




# Bounded Rationality

rasionalitas yg dibangun manusia akan selalu terbatas oleh persepsinya sendiri

# Bias kognitif melekat di system 1



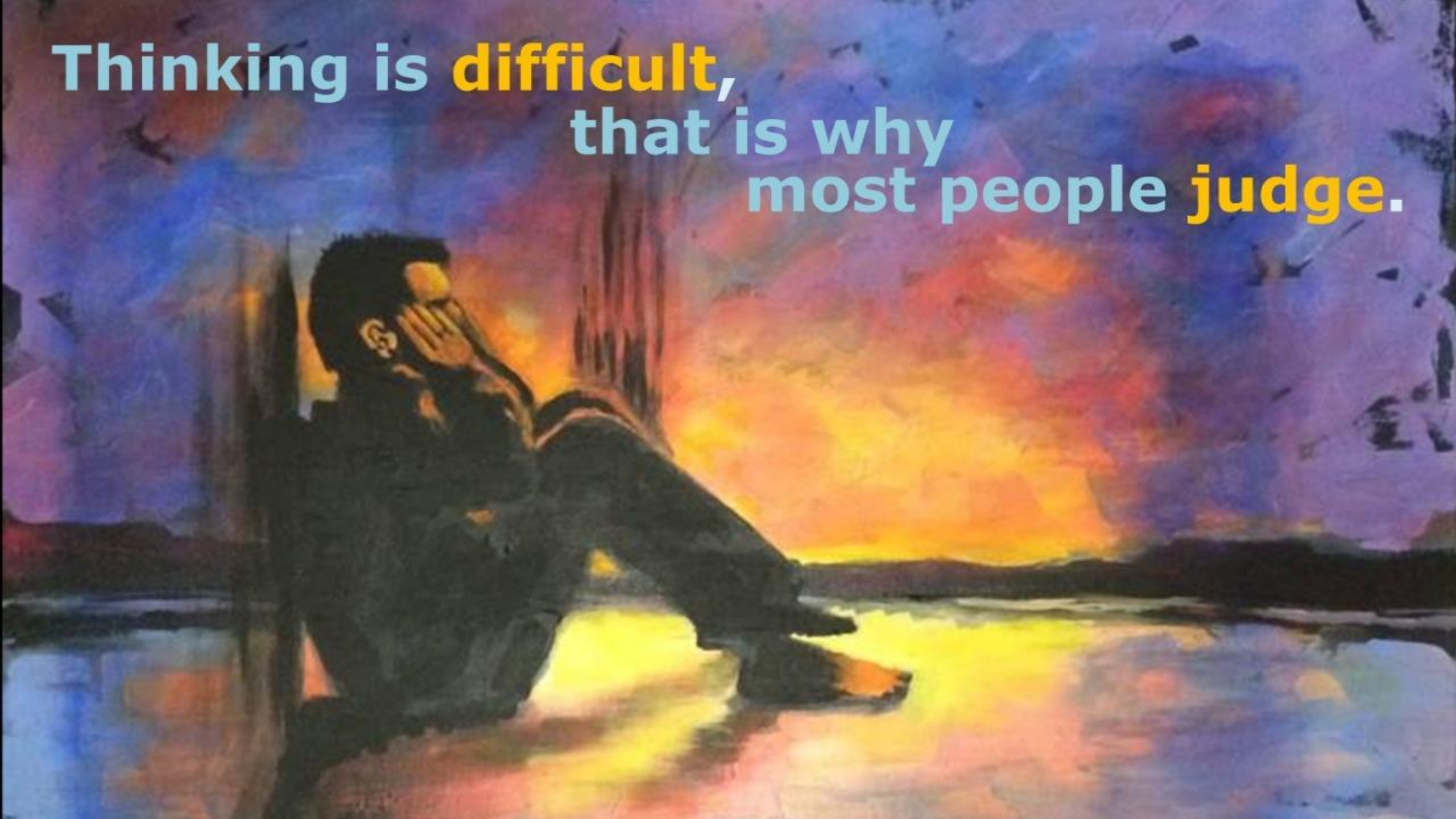
Bias kognitif hanya bisa dikurangi, dengan terus diidentifikasi oleh system 2



Berpikir memang  
membuat tidak  
nyaman


Tapi semakin sering dilakukan, bisa  
diambil alih oleh sistem 1

Thinking is **difficult**,  
that is why  
most people **judge**.



Terus aku harus gimana dong.....





Sebagaimana hampir  
semua hal baik di  
hidup ini, berpikir  
butuh **DIPAKSA**



Well, Here are  
Some tips!



1

Banyak mempertanyakan,  
bahkan pada diri sendiri

Semuanya  
meragukan!



1b

Atau berteman dengan  
orang yg suka ngomentari  
dan mempertanyakan

Dan  
bersabarlah! :D



2

Hindari menerima informasi secara pasif

Kuasai arus informasi di kepala!



3

Perbanyak aktivitas yang melibatkan pikiran secara aktif

Pastikan system 2 tidak berkarat!



4

Diam

Minimalalkan  
output yang tak  
diproses



5

Secara rutin endapkan  
informasi

Beri ruang dan  
waktu untuk  
system 2



**Berpikir** sama halnya seperti berjalan, makan, tidur, atau berbicara, bukan bakat tapi kemampuan dasar. Bedanya, banyak yang merasa tidak butuh.





Oke, mungkin  
cukup dulu

Terima kasih ^^



CREDITS: This presentation template was created by **Slidesgo**, including icons by **Flaticon**, and infographics & images by **Freepik** and illustrations by **Stories**