

# INFORMATION RESOURCE AND SERVICES IN CONTEXT OF DIGITAL ENVIRONMENT

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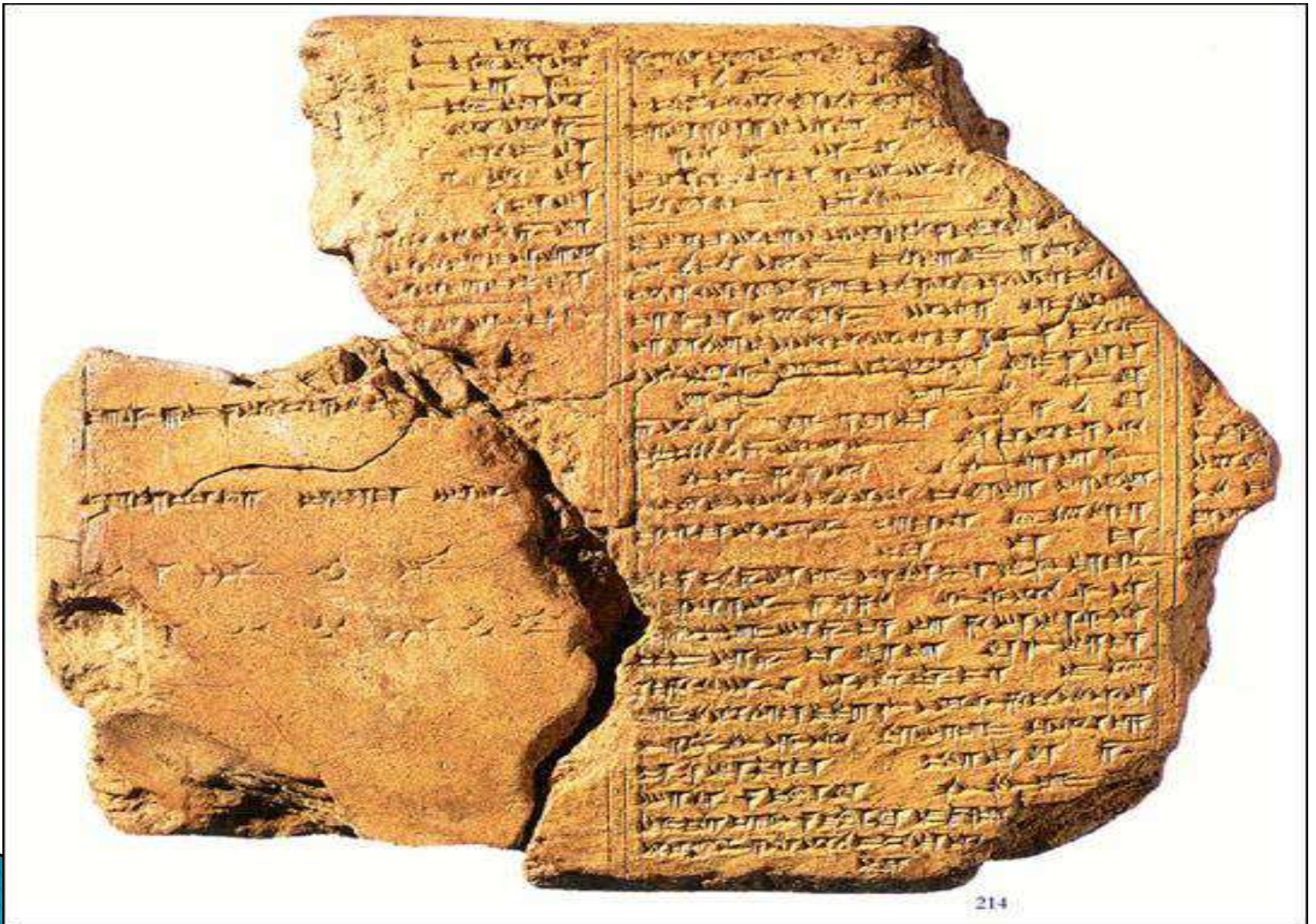
MAHATMA GANDHI CENTRAL UNIVERSITY BIHAR–MOTIHARI

## Early libraries (2600 BC – 800 BC)

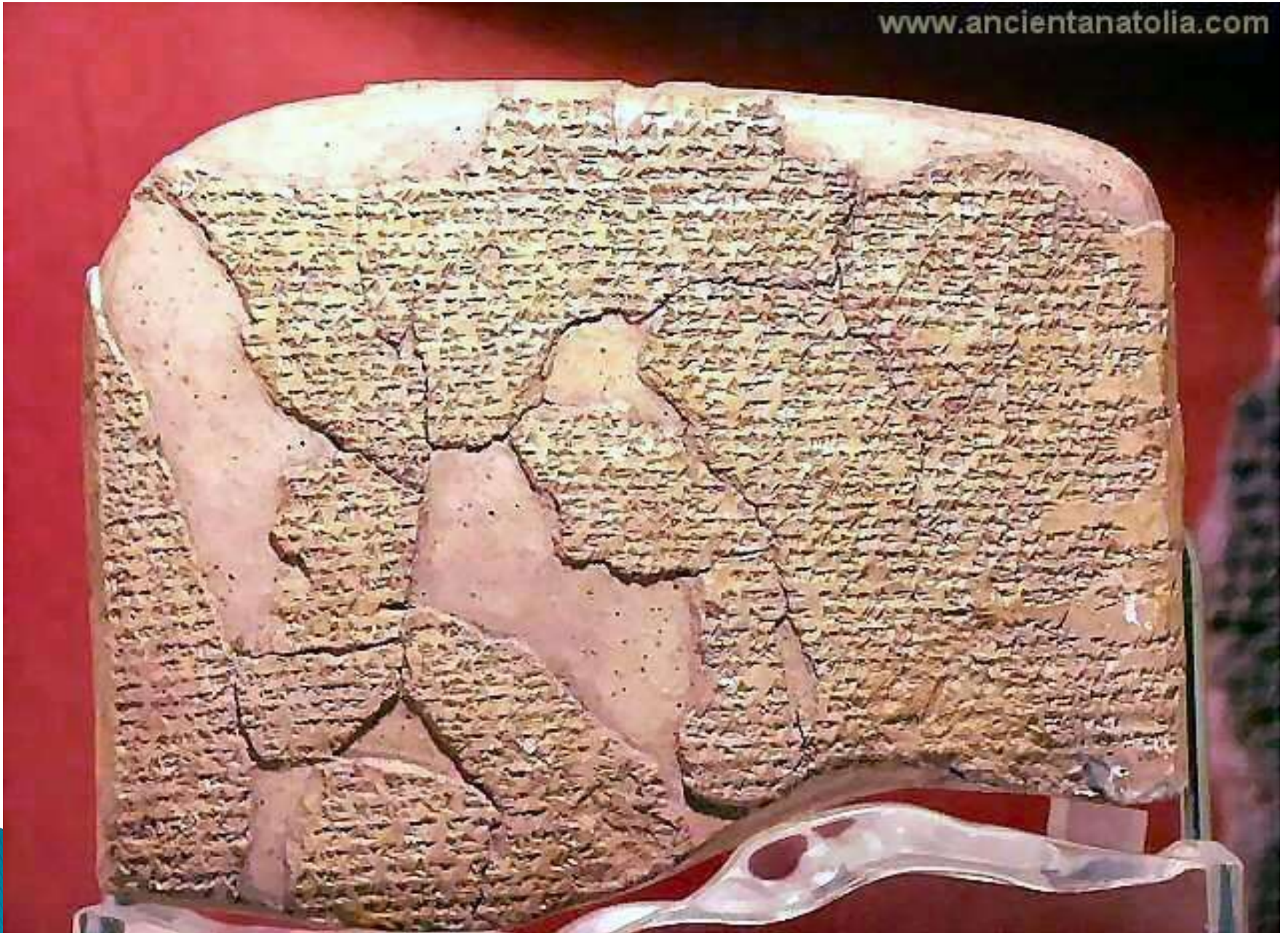
The first libraries consisted of archives of the earliest form of writing - the clay tablets

















## Classical period (800 BC – 500 AD)

### **The Ancient Library of Alexandria: A Pathfinder**



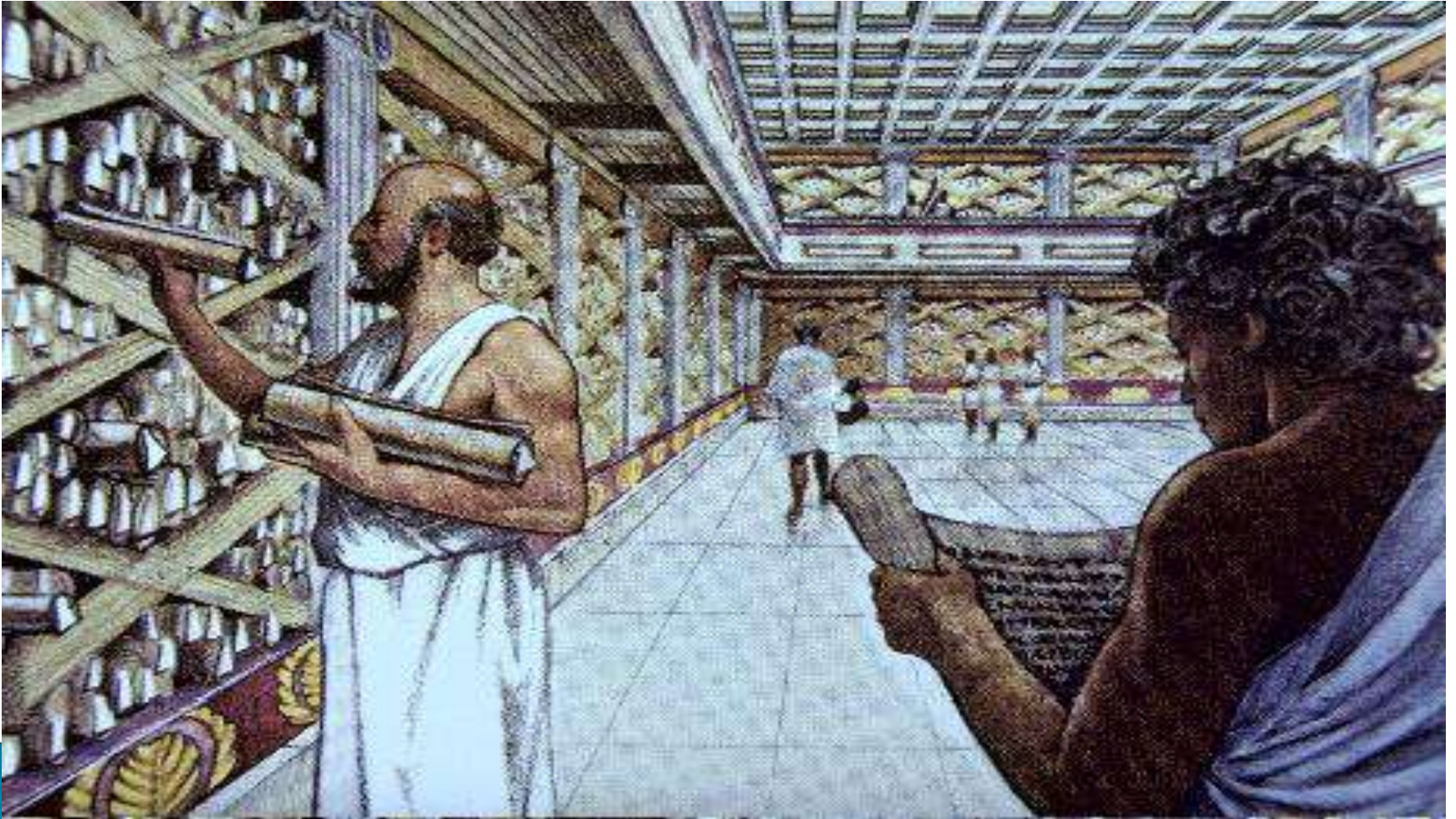






**The Royal Library of Alexandria**, or Ancient Library of Alexandria, in Alexandria, Egypt, was the largest and most significant great library of the ancient world. It flourished under the patronage of the Ptolemaic dynasty and functioned as a major center of scholarship from its construction in the 3rd century BC until the Roman conquest of

Egypt in 30 BC. The library was conceived and opened either during the reign of Ptolemy I Soter (323–283 BC) or during the reign of his son Ptolemy II (**283–246 BC**).





## Middle Ages (501 AD – 1400 AD)

In the 6th century, at the very close of the Classical period, the great libraries of the Mediterranean world remained those of Constantinople and Alexandria









It was cavernous. A spectacle to behold, and one of the great wonders  
of the ancient world.





THE COLLECTION OF written knowledge in some sort of repository is a practice as old as civilization itself.

About 30,000 clay tablets found in ancient Mesopotamia date back more than 5,000 years.



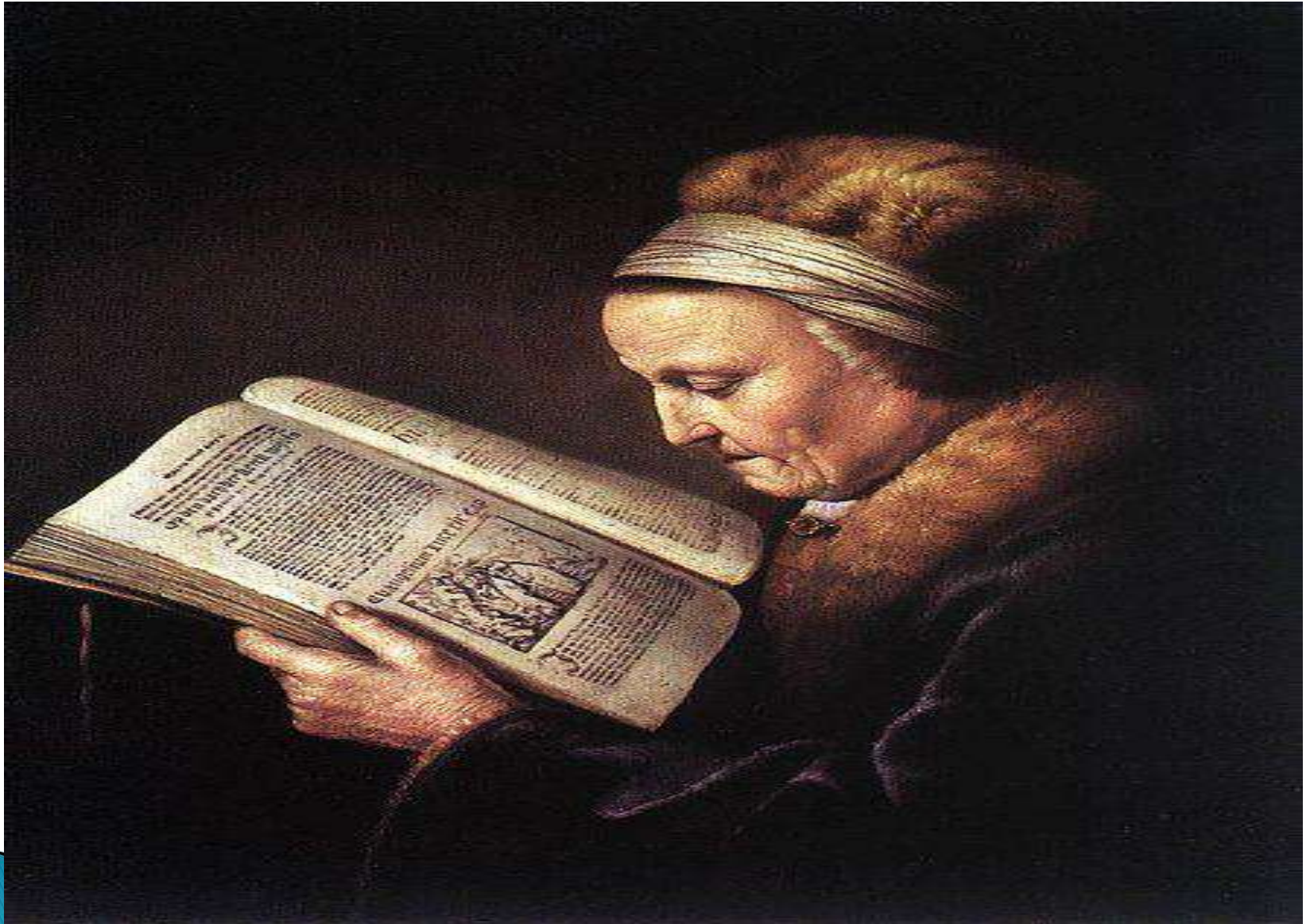


**Only for preservation not to circulate**





## Modern Libraries ( 1500CE to 1875CE )





## chain and book





## Contemporary Libraries: 1900s-2000s





# Tradational Libraries





- ▶ Today Books are increasing and its difficult to manage physical books so we need to digitize



## Digital Library





## Virtual library



# Apps





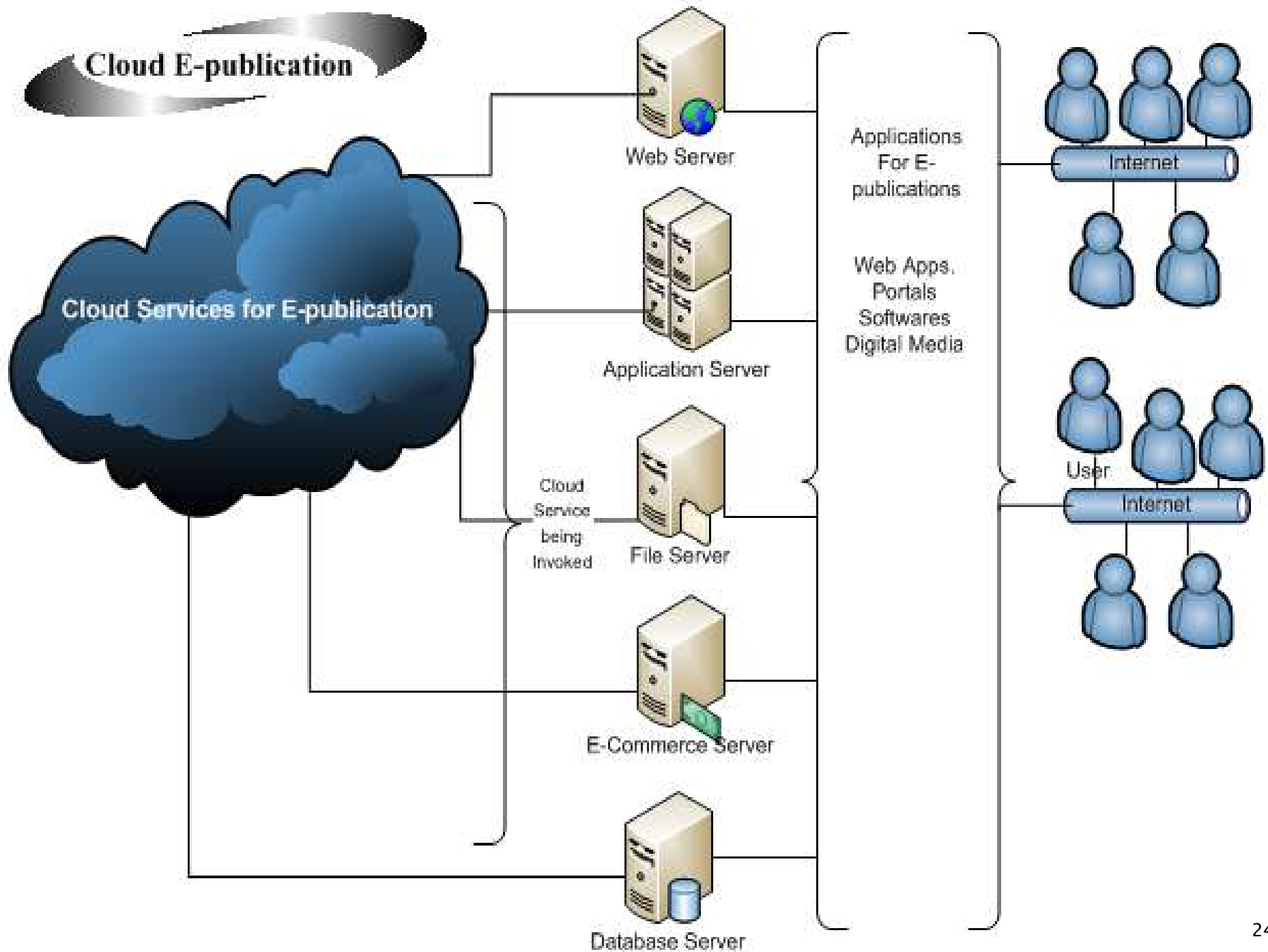
# cloud computing







## Cloud E-publication



# WIKIPEDIA (Encyclopedia)

**Creator:** Jimmy Wales, Larry Sange

**Objective:** to provide information about Universe of Knowledge

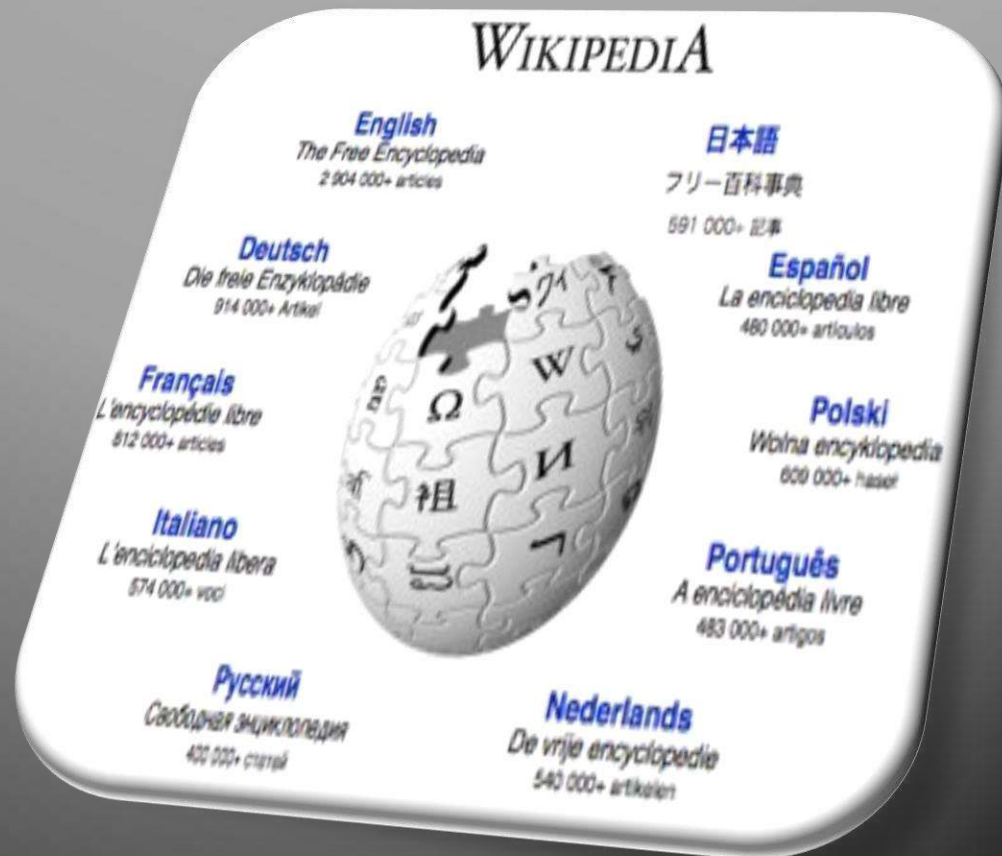
**Contributors:** 100,000 +

**Media:** Wiki website

**Articles:** 24 million+

**Users:** 35 million+

**Language:** 285+





# WE ARE SMARTER THAN ME (Book)

**Organization:** University of Pennsylvania and MIT Sloan School of Management

**Objective:** to write a book about decision making process

**Contributors:** More than 4000

**Media:** wiki website

**Publisher:** Pearson Education

**Pages:** 176



# A Million Penguins ( Novel)

**Organization:** Penguin Books and De Montfort University, Leicester

**Objective:** Creative writing (Novel)

**Contributors:** 1500

**Media:** Wiki website

**Edit text:** 11000

**Visited people:** 75,000

**Pages Views:** 280,000





# Shodhganga, Shodgangotri and e-Journal Hosting

**Organization:**  
INFLIBNET

**Objective:** Online  
Repository of ETD,  
Research in Progress  
and Open Journal  
Hosting

**Contributor:** Students  
and Faculty of Indian  
Universities

**Platform:** INFLIBNET  
website

**Journals:** 14

**ETD:** 7650+



# LIBRARIES, ARCHIVES AND MUSEUMS

## Flicker Project

Organization: Library of Congress

Objective: To share photo with users, add tags and comments on Historical Photos

Tags added: 67,176

Comments: 7,166





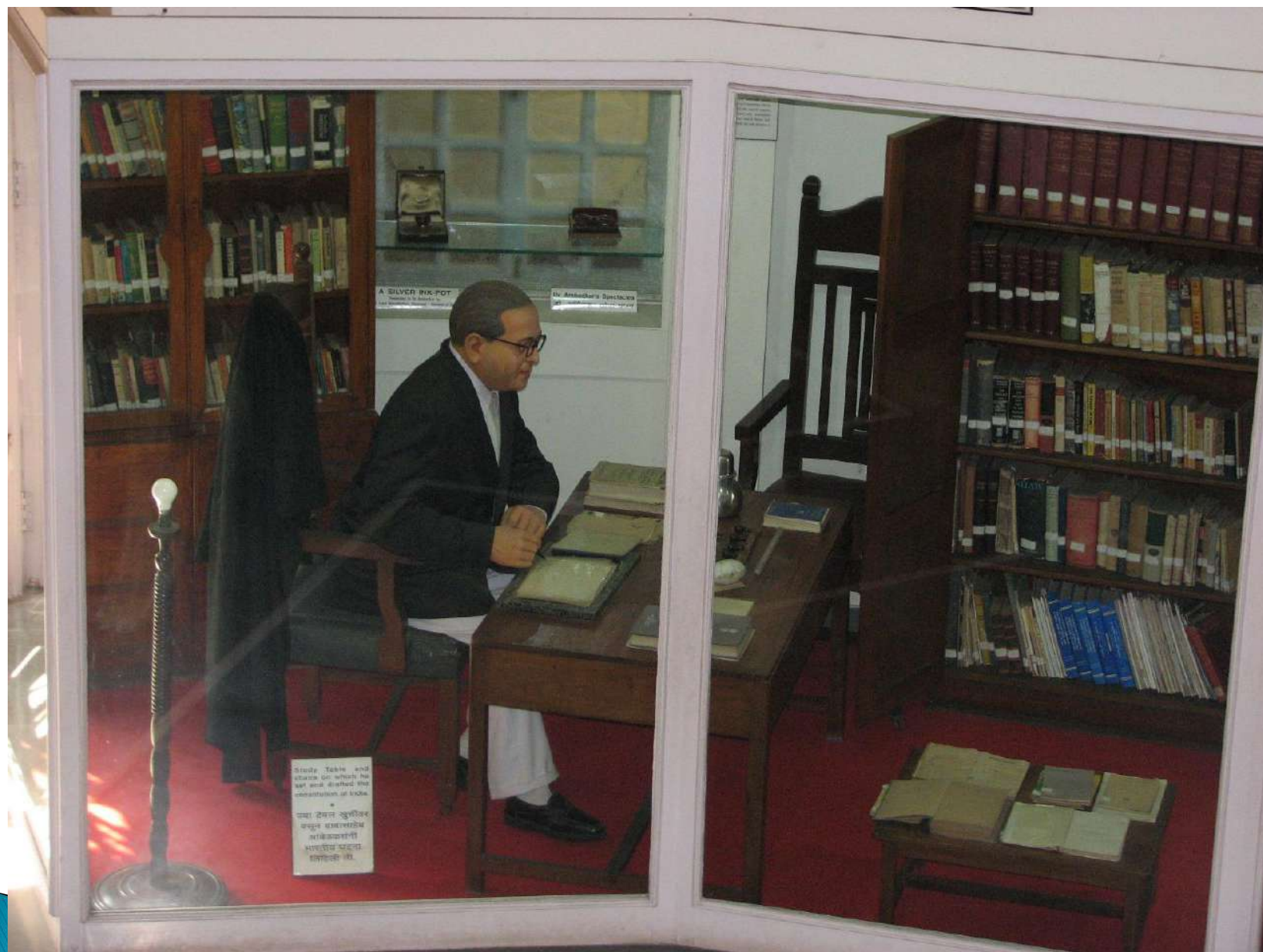
# Library Assets

- ▶ Building, Furniture, etc.
- ▶ Various Reading Materials.
- ▶ Computers and concerned equipment.
- ▶ Electronic Resources.
- ▶ Current Data & Data Archives.
- ▶ Security and Safety gadgets.
- ▶ and ..... ?

# Human (Library Staff) Efforts







# JNTU LIBRARY : HYDERABAD





# National Library Kolkata





- ▶ Connemara Public Library
  - ▶ Chennai





www.venkatarangan.com

# UNStudio Unveils Green-Roofed Library of the Future for Belgium





- ▶ Thomas Jefferson Building  
Library of Congress





# Thomas Jefferson Building Library of Congress–Central Hall

TJB, Library of Congress

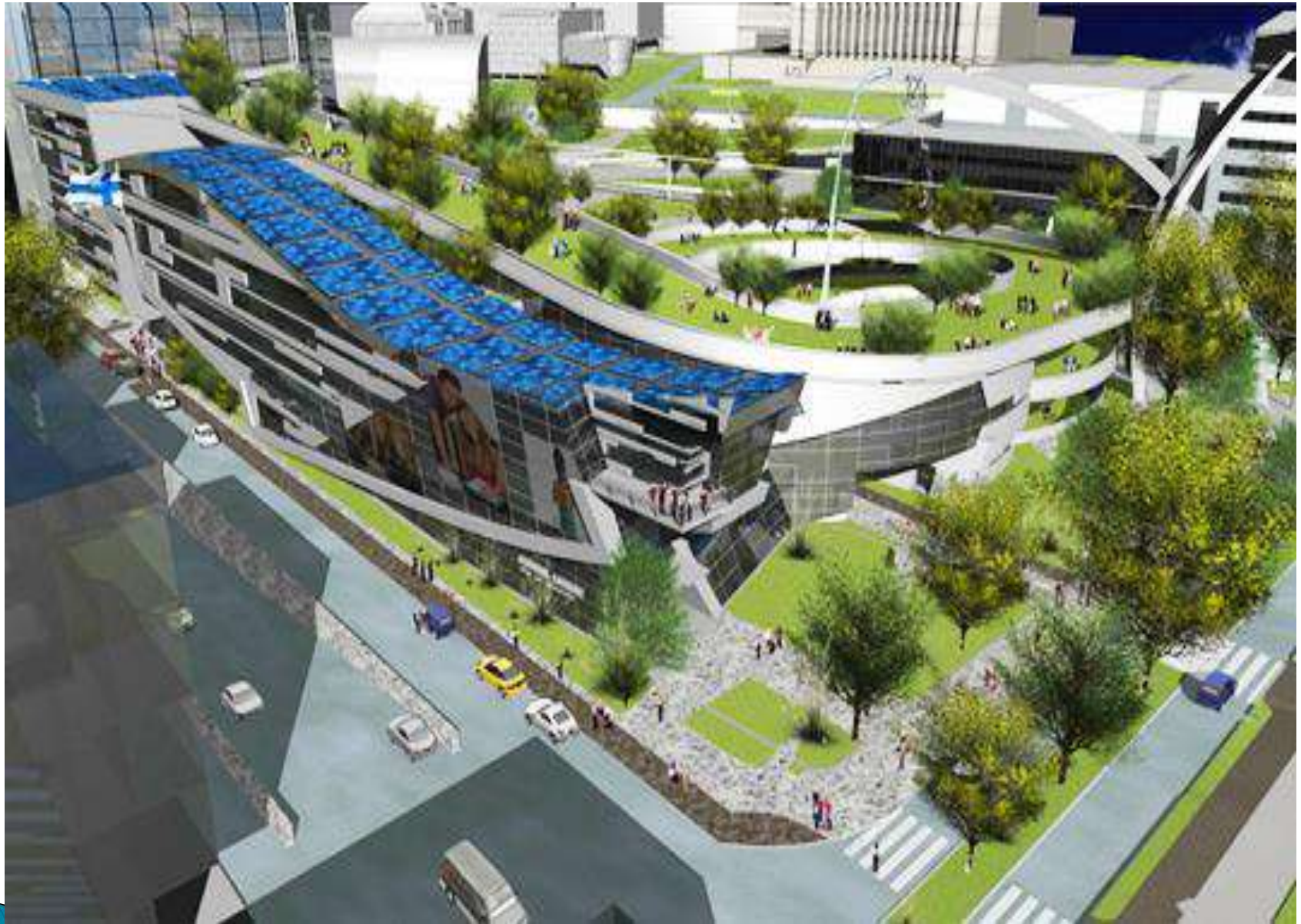




# GREEN LIBRARY BUILDING

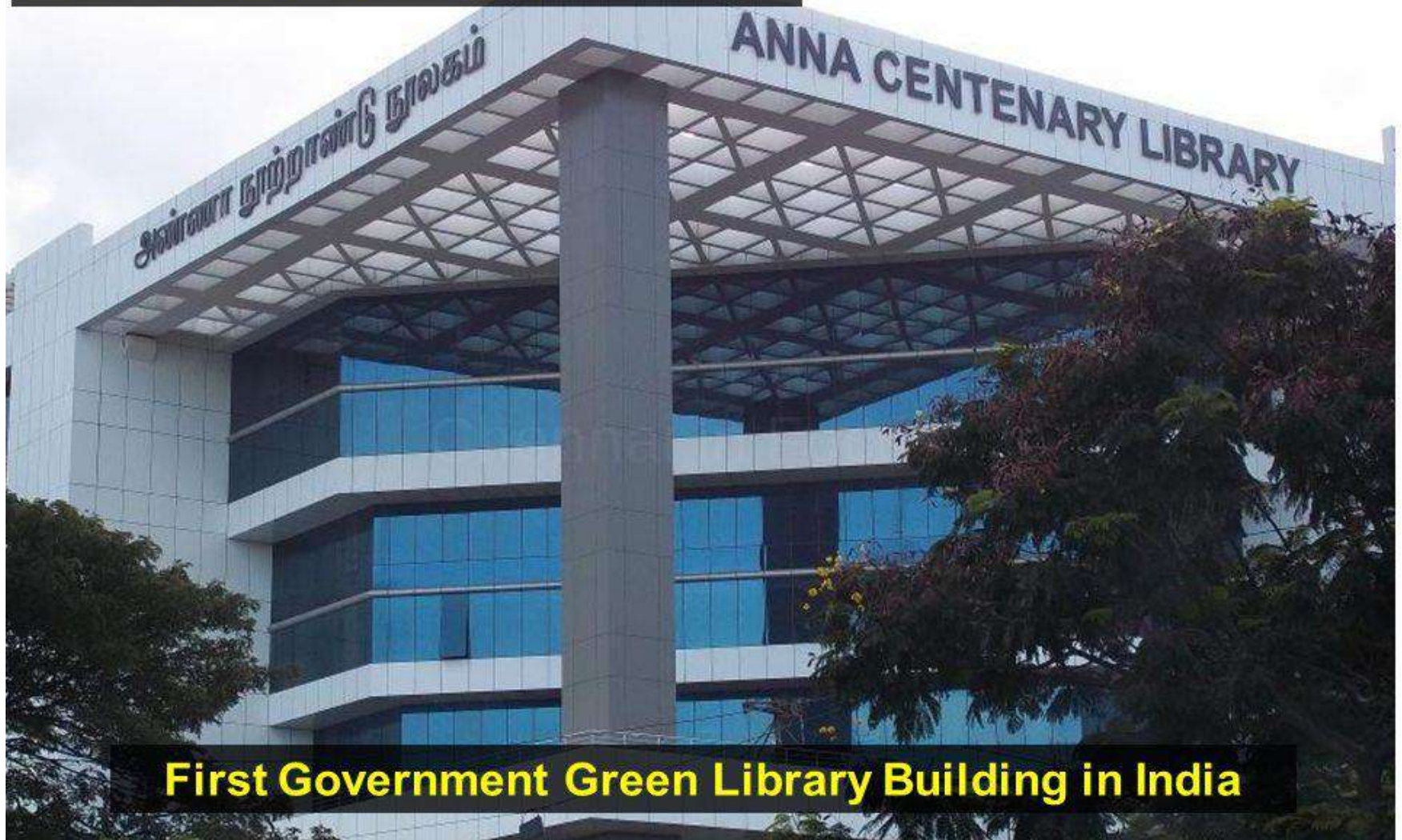


# BIBLIO-Centrum: A Green-Roofed Solar-Powered Library for Helsinki's City Center





## Anna Centenary Library, Chennai



**First Government Green Library Building in India**



**High Performance Envelope, Equipment & Systems**

© Confederation of Indian Industry



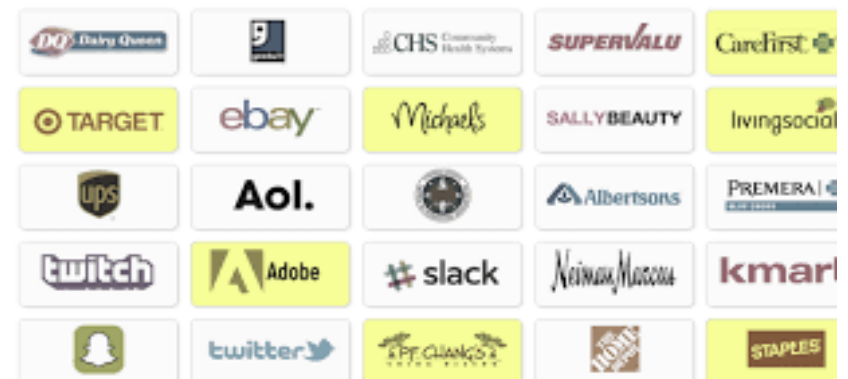
# Indian Prairie Public Library





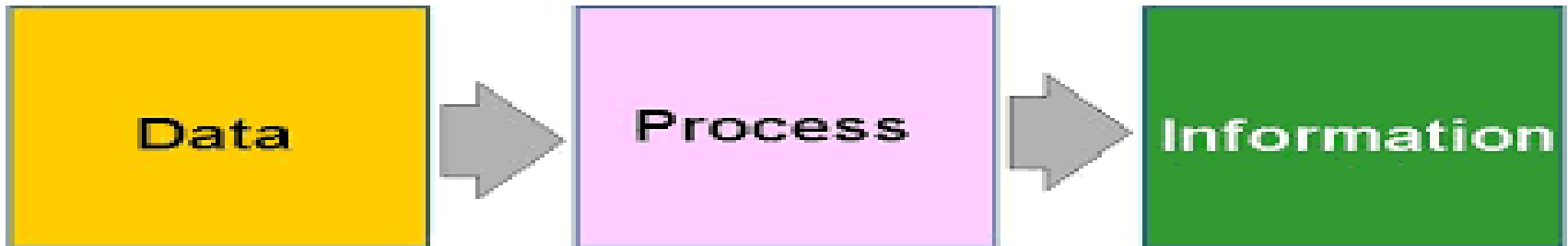


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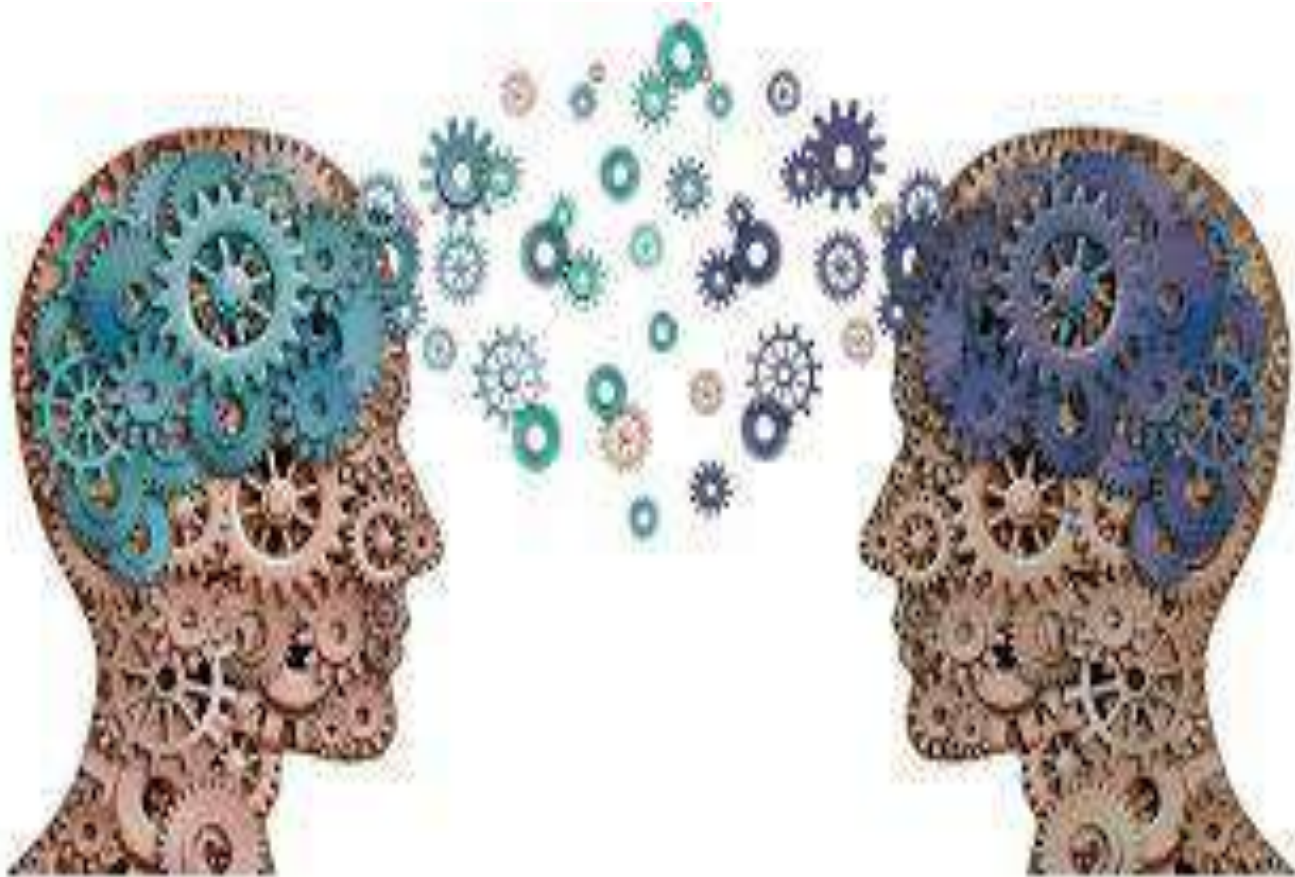




# INFORMATION



# KNOWLEDGE





# KNOWLEDGE



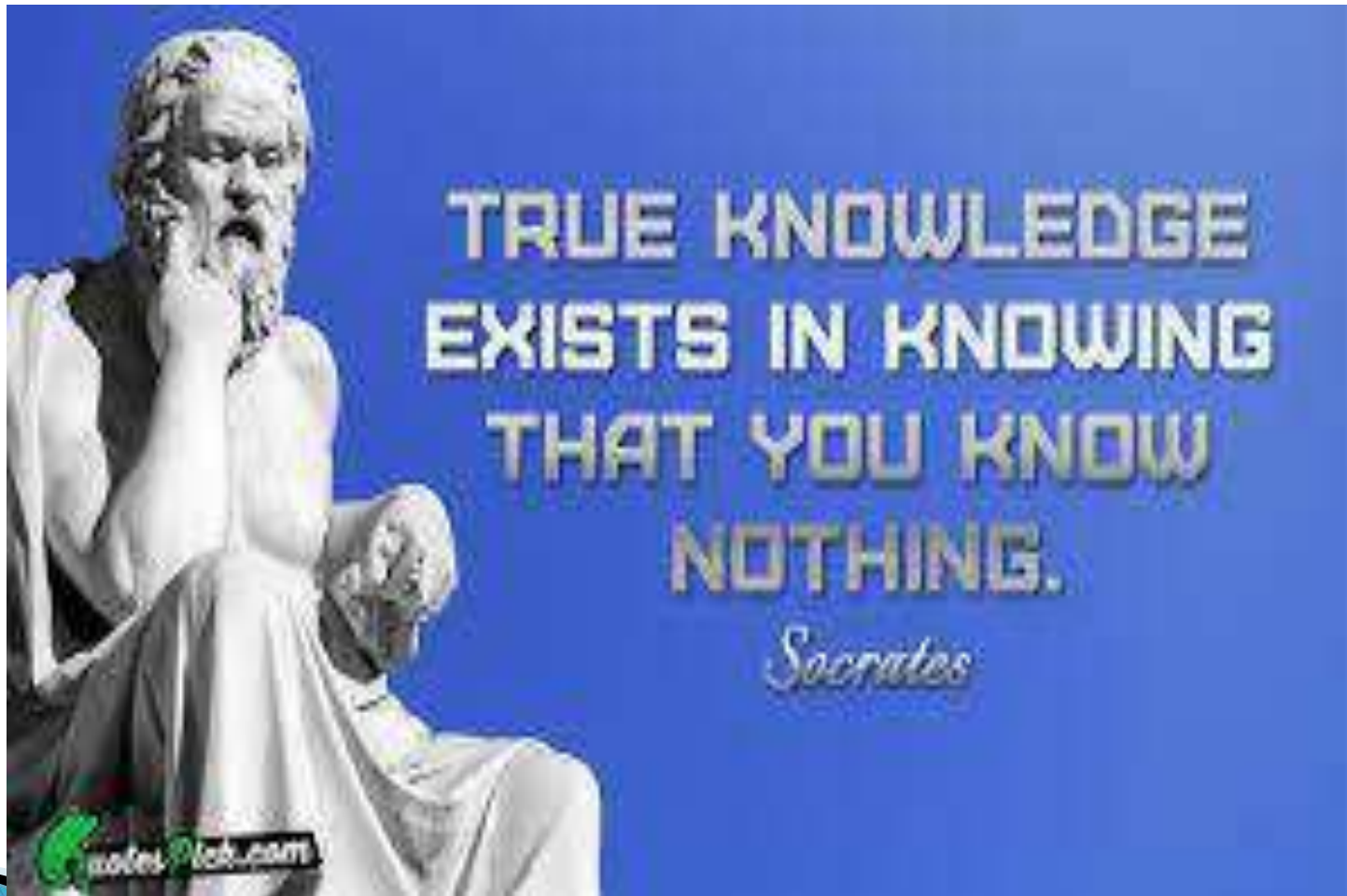
# KNOWLEDGE



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# KNOWLEDGE



# KNOWLEDGE

## Two Types of Knowledge

**Explicit**

- Information that is written down or codified

**Tacit**

- Information that is stored inside a person's mind



# KNOWLEDGE

## The Two Major Types of Knowledge

| Explicit Knowledge                               | Tacit Knowledge                              |
|--|--|
| Tangible   | Intangible                                   |
| Physical objects, e.g. in documents or databases | Mental objects, i.e. it's in people's head's |
| Context independent                              | Context affects meaning                      |
| Easily shared                                    | Sharing involves learning                    |
| Reproducible                                     | Not identically replicated                   |

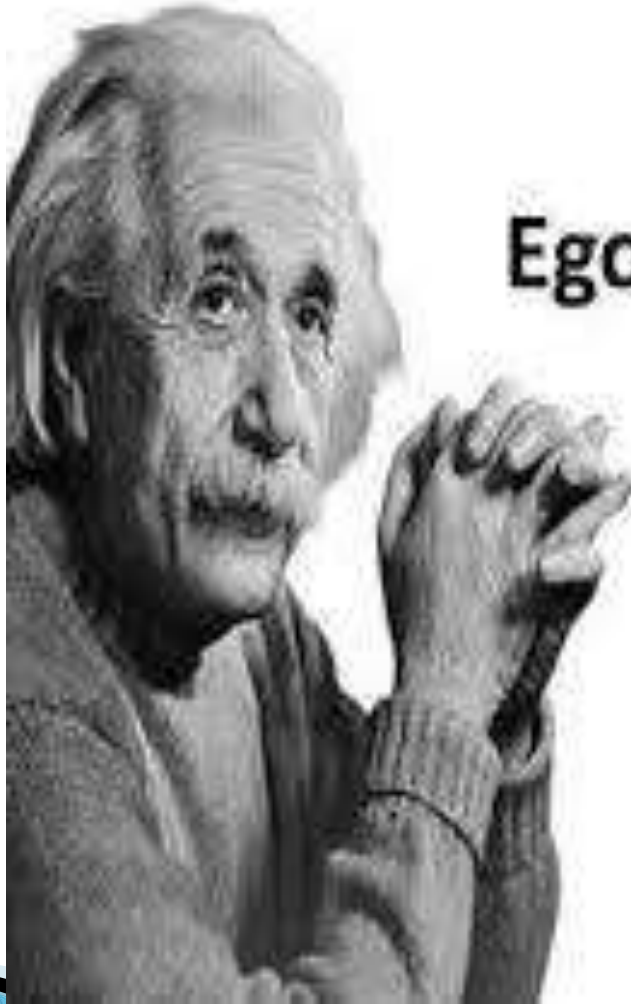
# KNOWLEDGE

“Knowledge is of  
no value unless  
you put it into  
practice.”

Anton Chekhov



# KNOWLEDGE



$$\text{Ego} = \frac{1}{\text{Knowledge}}$$

*"More the Knowledge  
Lesser the Ego,  
Lesser the Knowledge  
More the Ego..."*

**-Albert Einstein.**

# KNOWLEDGE

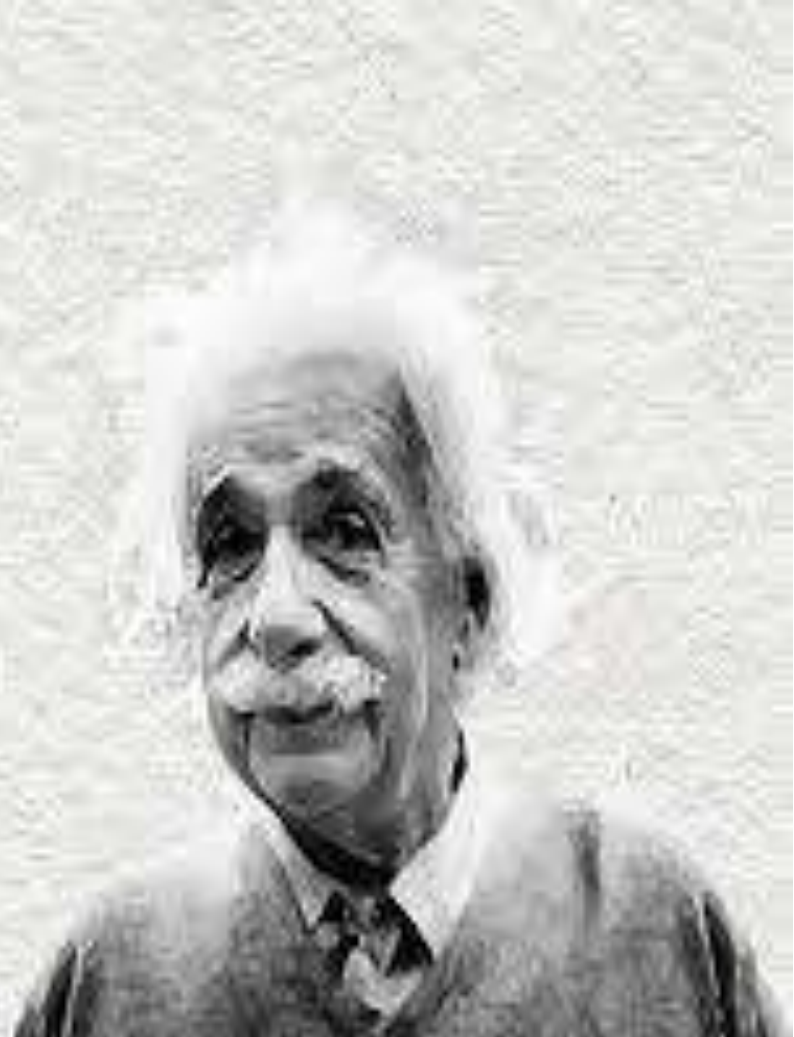




# KNOWLEDGE

The true sign of  
intelligence is not  
knowledge but  
imagination.

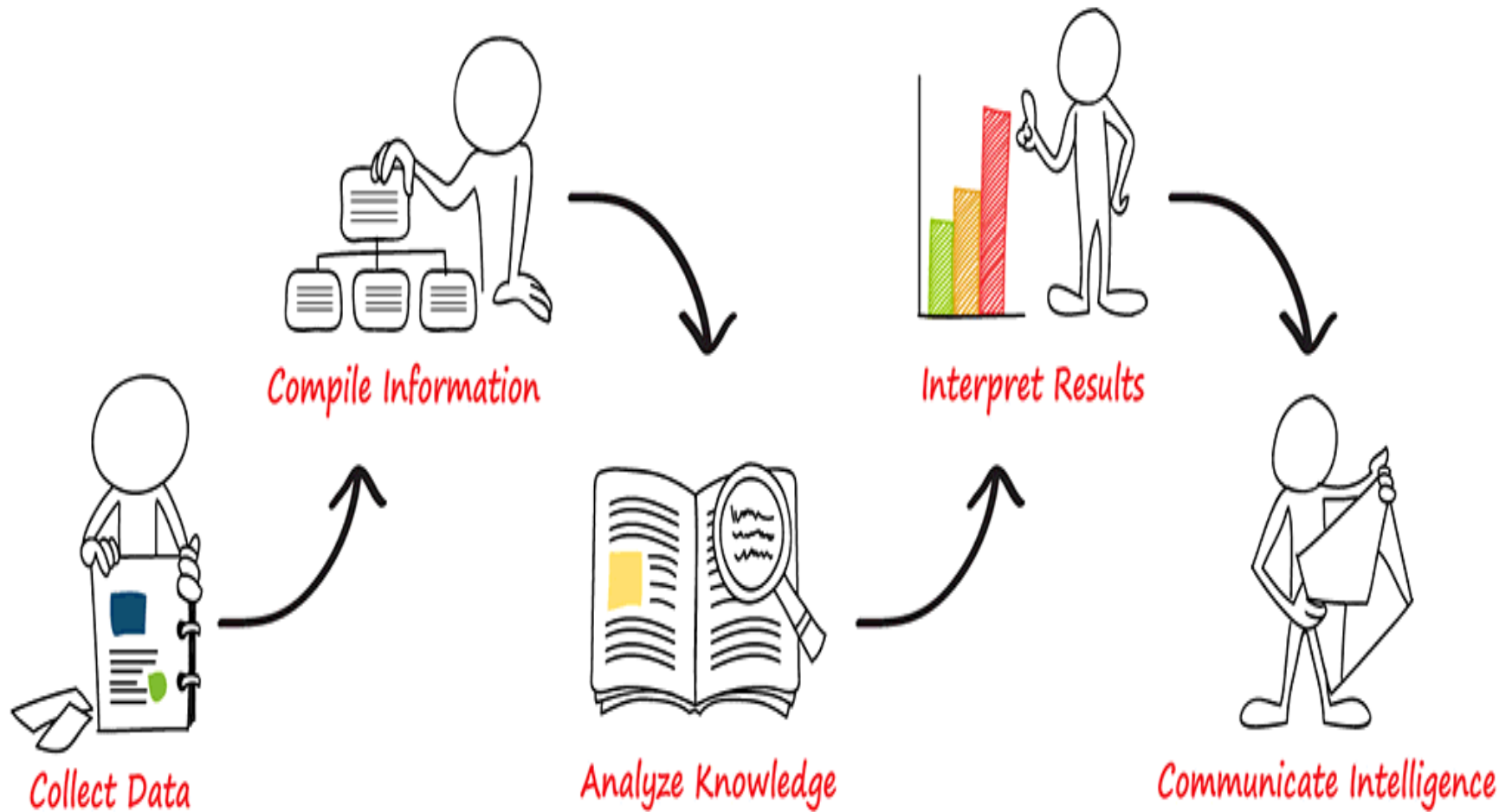
- Albert Einstein



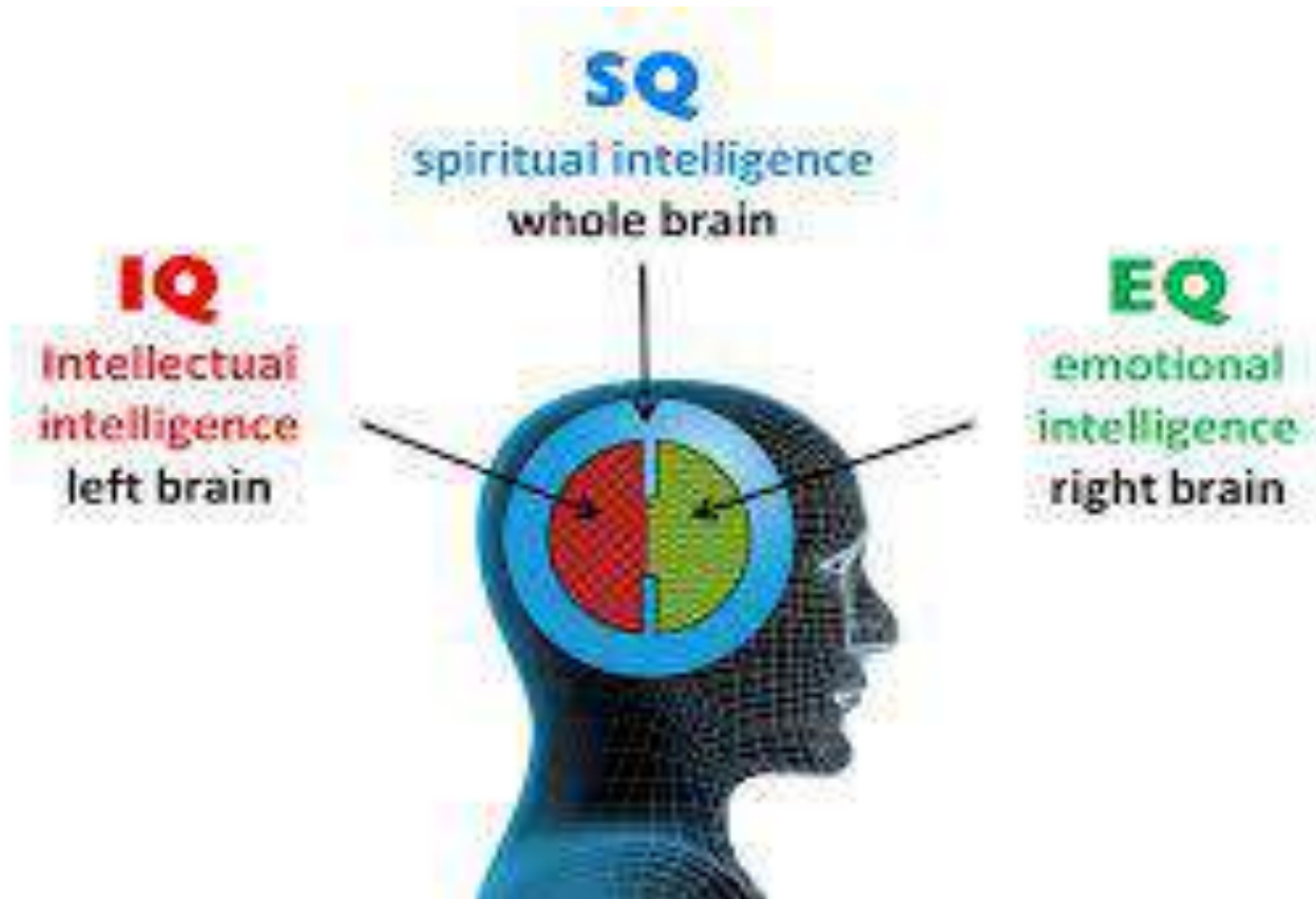




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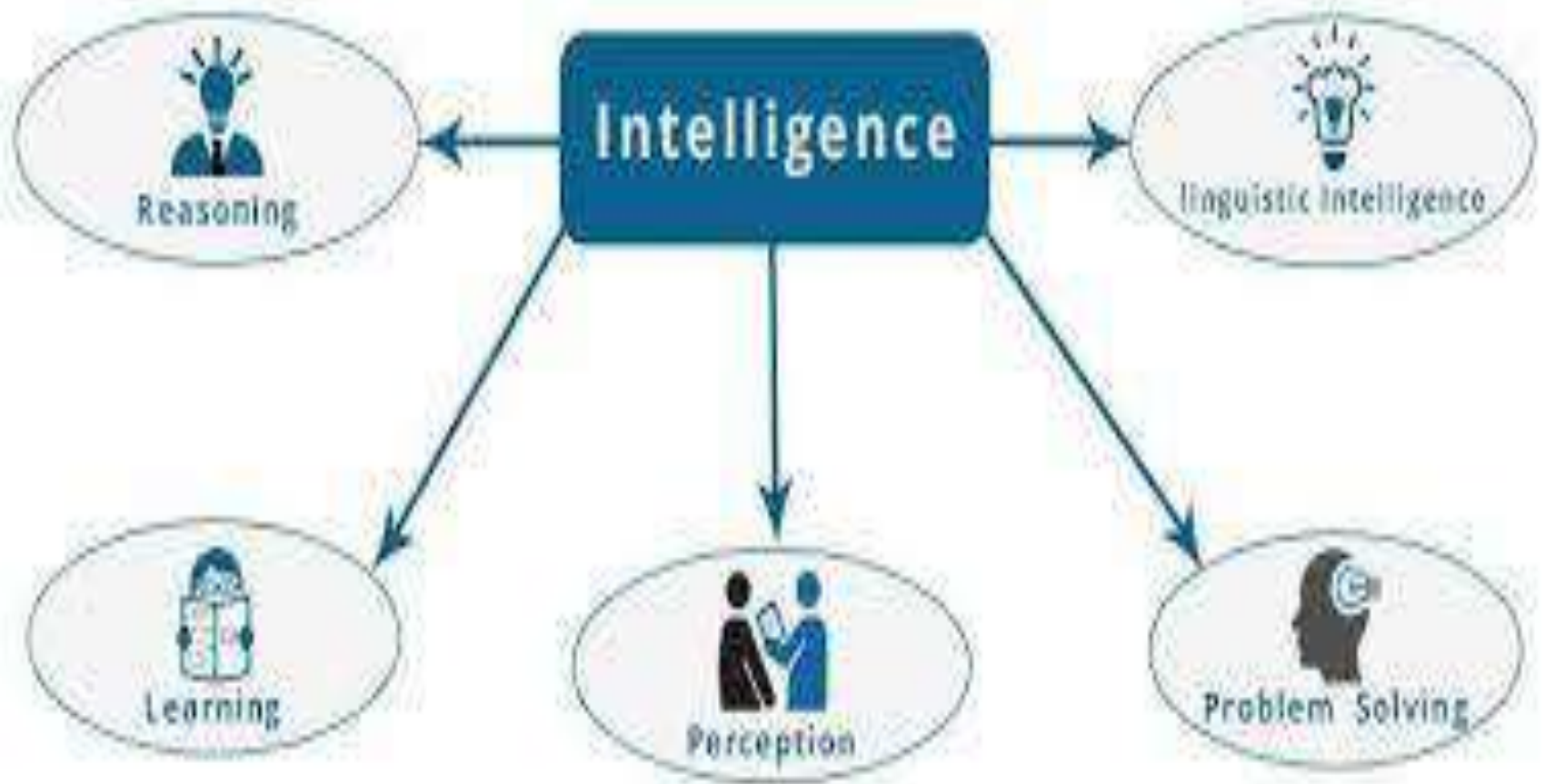


# WISDOM





# WISDOM



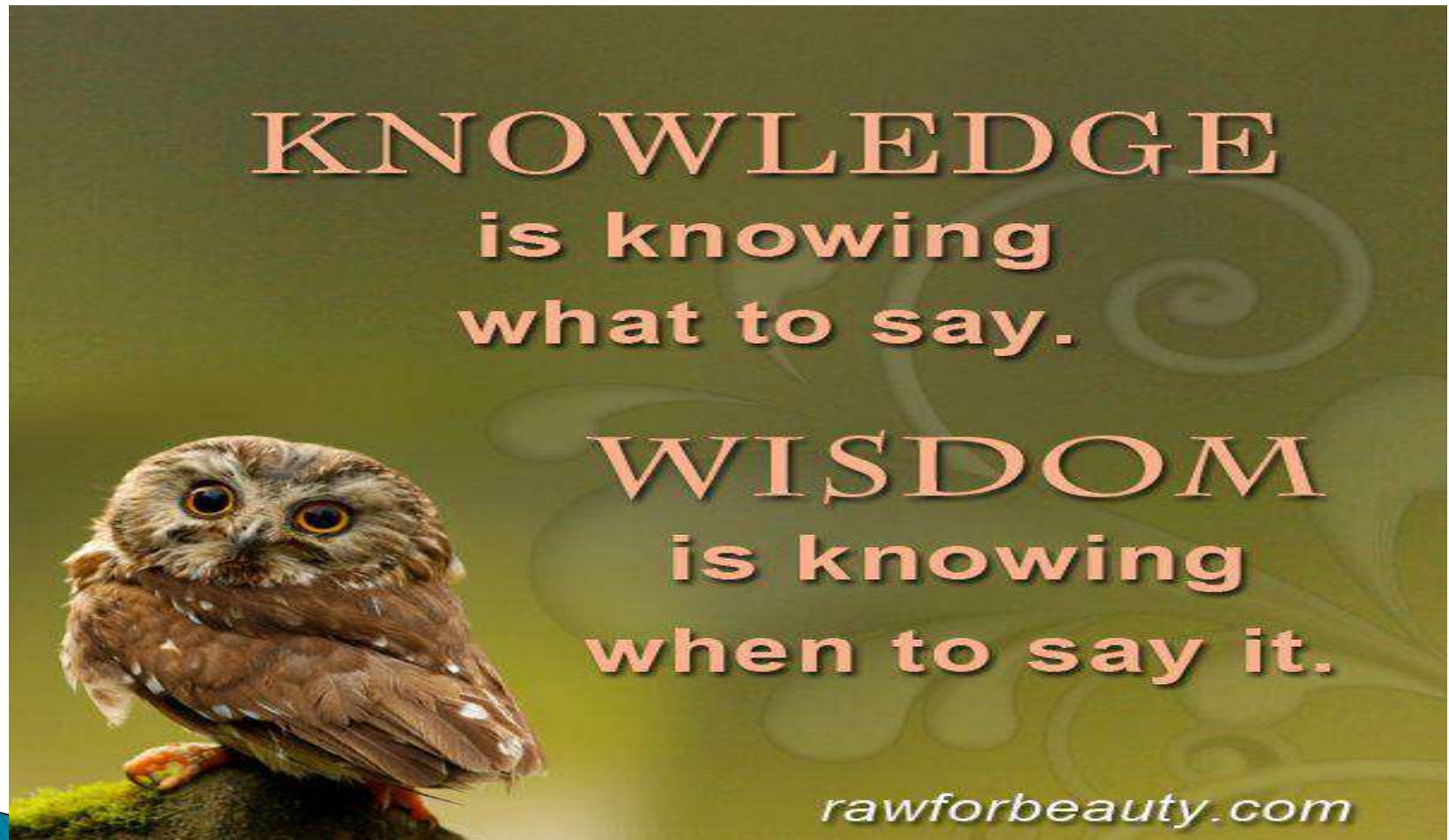
# WISDOM

Adversity brings  
knowledge, and  
knowledge brings  
wisdom.

*Welsh Proverb*



# WISDOM

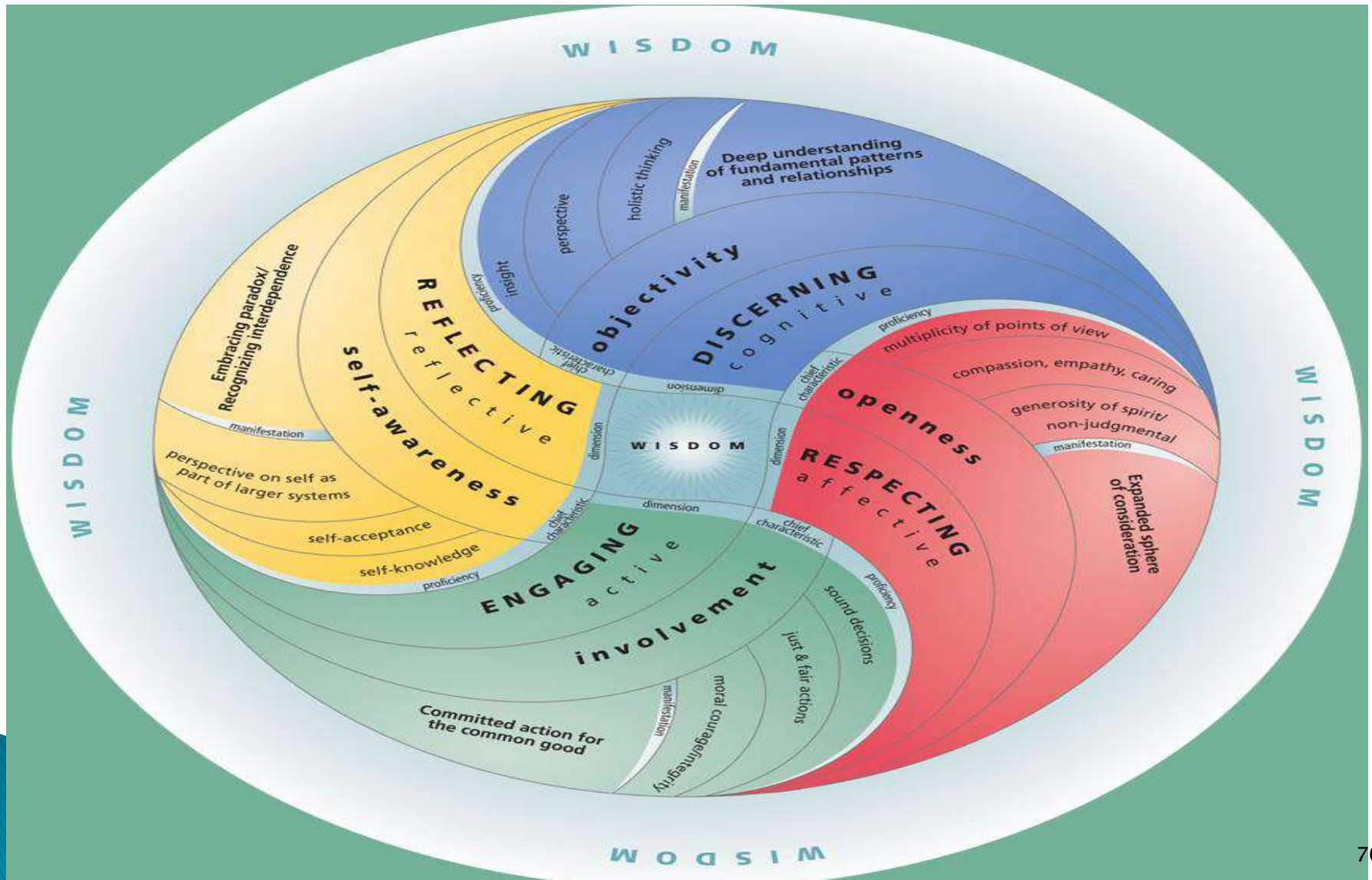


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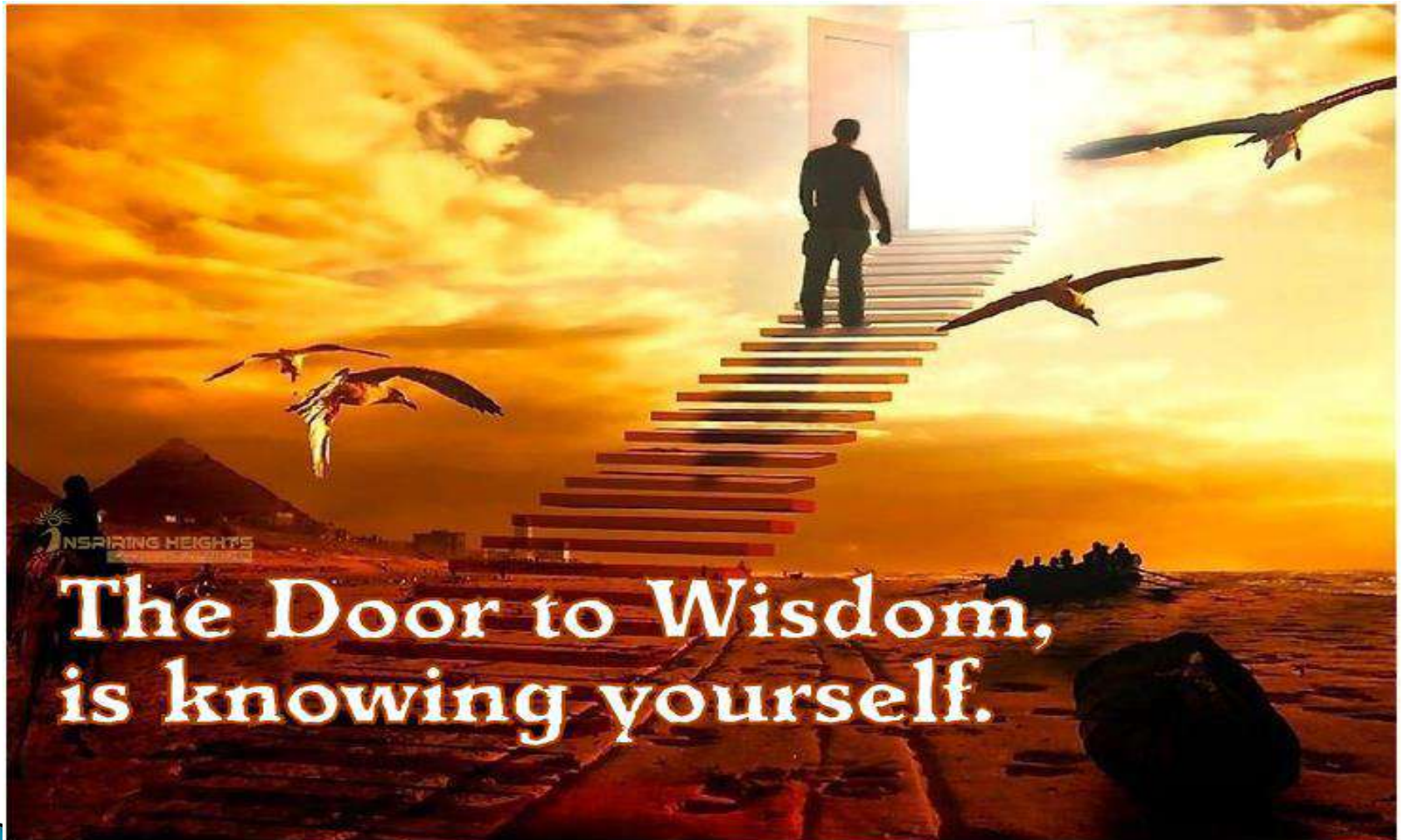




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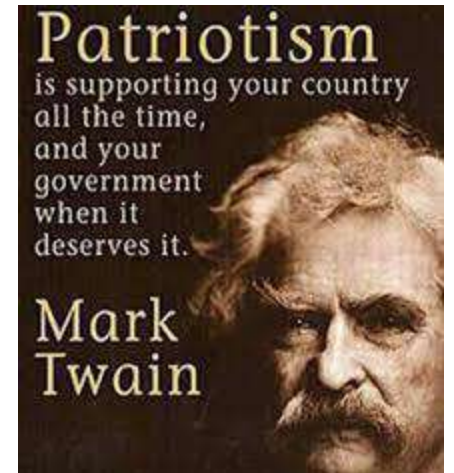
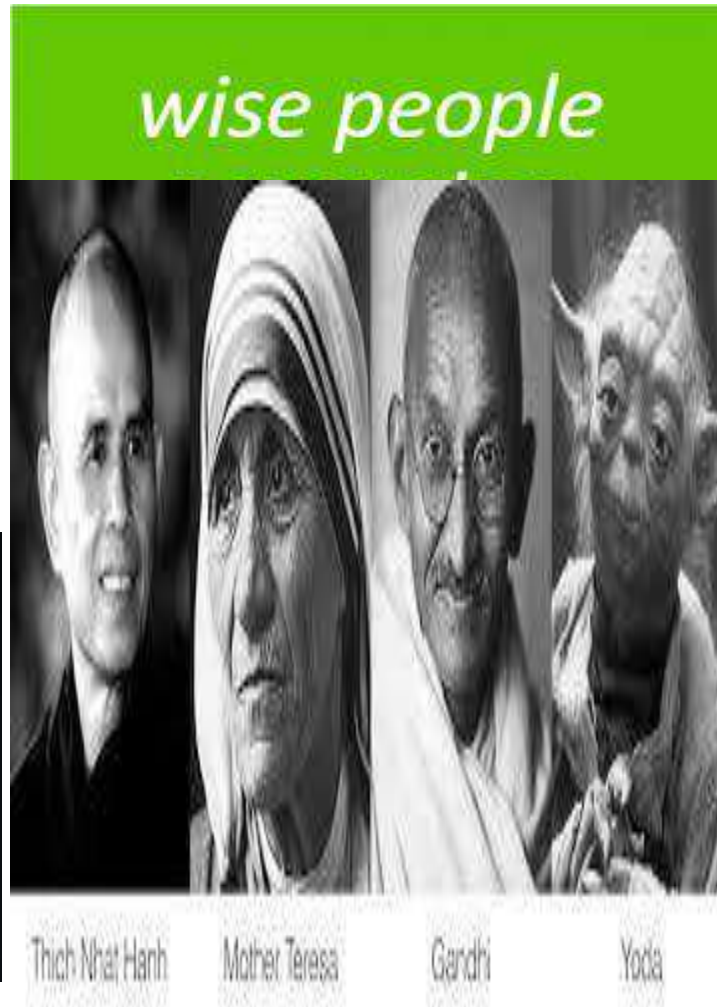
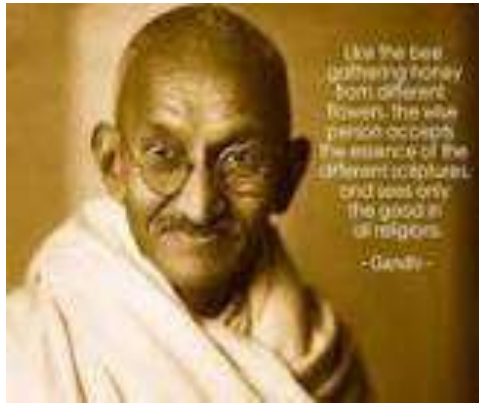


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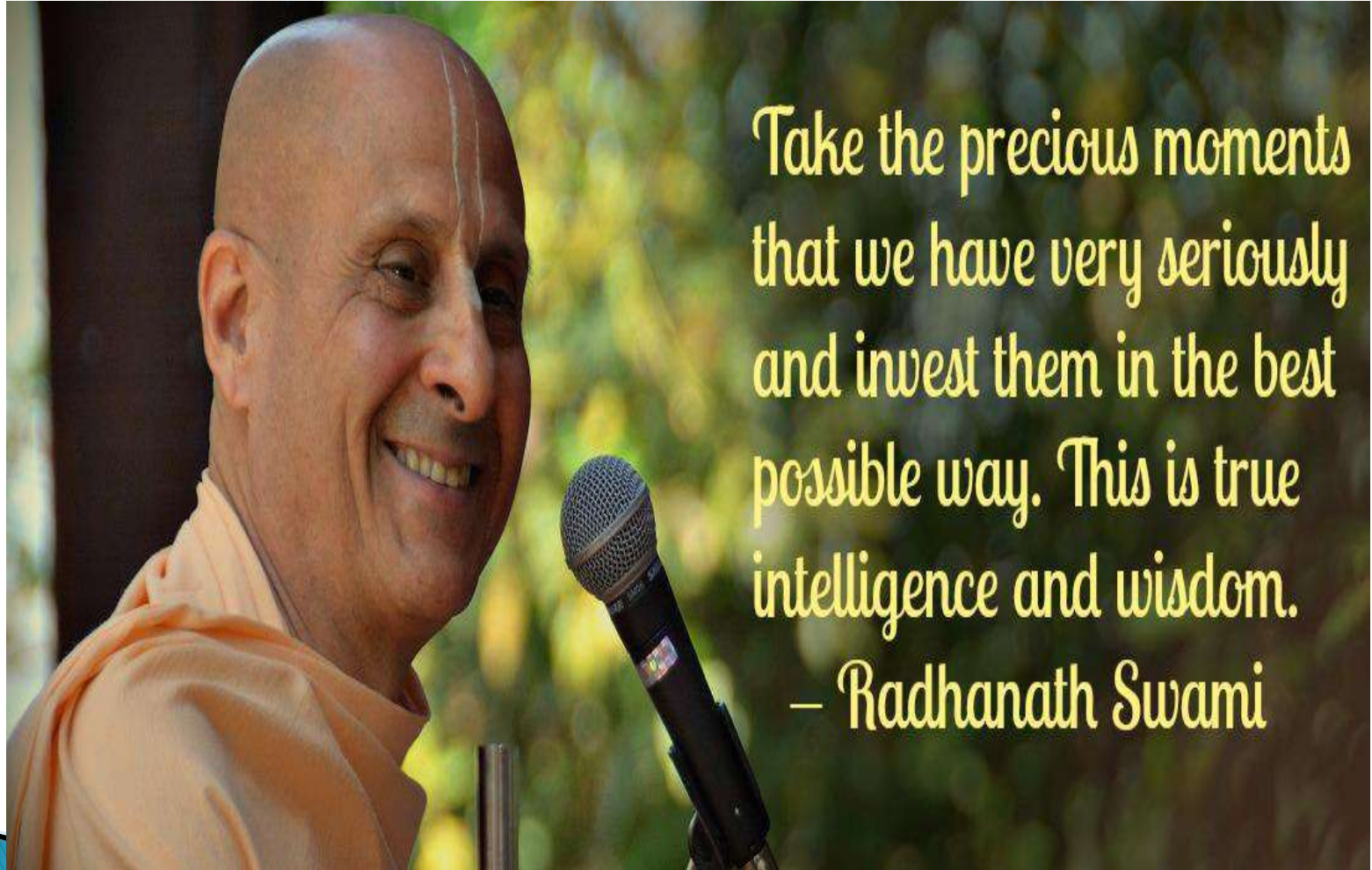




# WISDOM



# WISDOM



Take the precious moments  
that we have very seriously  
and invest them in the best  
possible way. This is true  
intelligence and wisdom.  
— Radhanath Swami



# WISDOM

