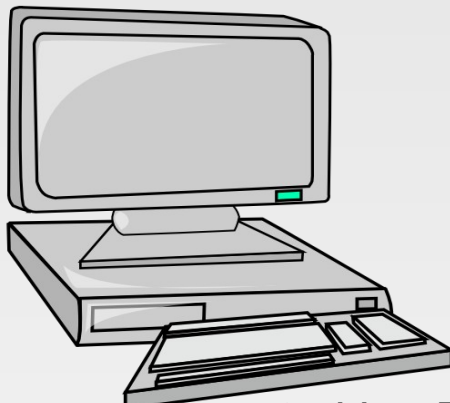


# Information and Communication Technology:

## A MOTIVATION

# MOTIVATION



presented by: **Rhiza S. Sadjad**

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Question:



**Why should we study ICT?**

**Today .....**

**From Hiroshima-Nagasaki**

**to WTC 911, .....**



**..... natural and social DISASTERS**

**..... a very very STRESSFUL**

**world of TODAY !**



# The FUTURE of our EARTH.....?

EARTH  
2070



Ria Slides



Ria Slides



# The HISTORY of CIVILIZATION

## The History of Civilization

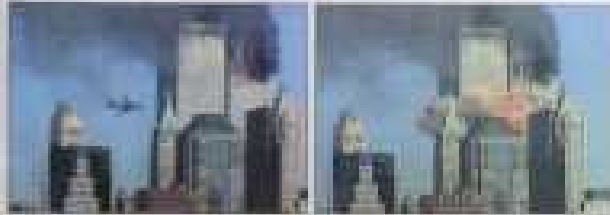
The ERA of	THE CENTRAL Issue	Historical Events
Agriculture	Land	Social Revolution and Independence
Industry	Energy	HIROSHIMA NAGASAKI
INFORMATION	Information	WTC 911

EXTRA EDITION  
Los Angeles Times

TUESDAY, SEPTEMBER 11, 2001

# Terror Attack

## Hijacked Jets Fly Into Trade Center, Pentagon



**Summary of Events**

At 8:46 a.m., a Boeing 767-300ER hijacked by four men from the Middle East crashed into the North Tower of the World Trade Center. At 9:03 a.m., a Boeing 767-300ER hijacked by the same group crashed into the South Tower. At 9:58 a.m., a Boeing 757-200 hijacked by a man from the Middle East crashed into the Pentagon. At 10:28 a.m., a fourth hijacked plane, a Boeing 767-300ER, crashed in a field in Pennsylvania.

### A Day of Carnage and Chaos

By [Name]  
[Text]

Two hijacked commercial jets crashed into the World Trade Center towers in New York City, and a third hijacked jet crashed into the Pentagon in Washington, D.C., on Tuesday, Sept. 11, 2001.

The attacks, which were carried out by al-Qaeda, resulted in the deaths of nearly 3,000 people and caused billions of dollars in damage. The World Trade Center towers were destroyed, and the Pentagon sustained significant damage. The attacks also led to the start of the War on Terror.

**UPDATE**  
A fourth hijacked plane crashed in a field in Pennsylvania.

**Summary of Events**  
[Text]

**Summary of Events**  
[Text]



# WTC 911



# WTC 911





# WHY THE TOWERS COLLAPSED



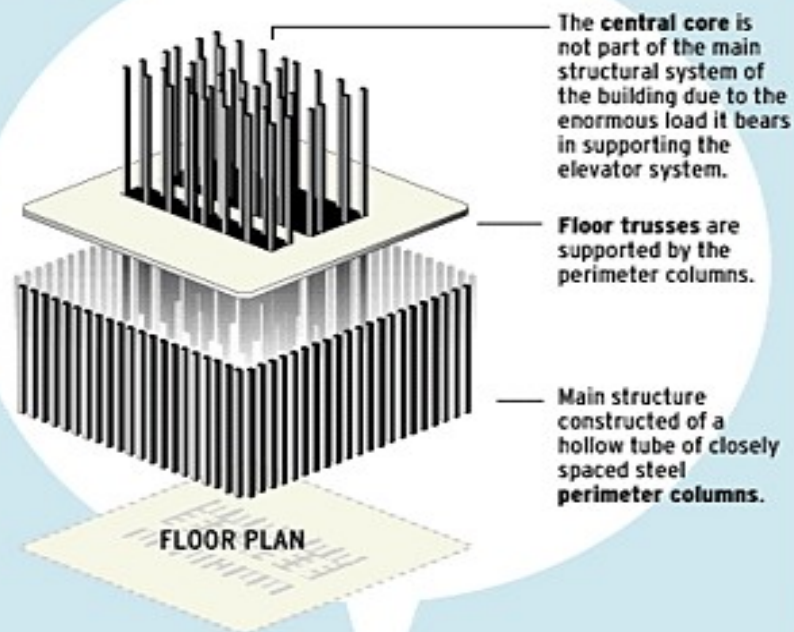
The impact of the plane crash destroyed a significant number of perimeter columns on several floors of the building, severely weakening the entire system.

As fire raged in the upper floors, the heat gradually affected the remaining structure.

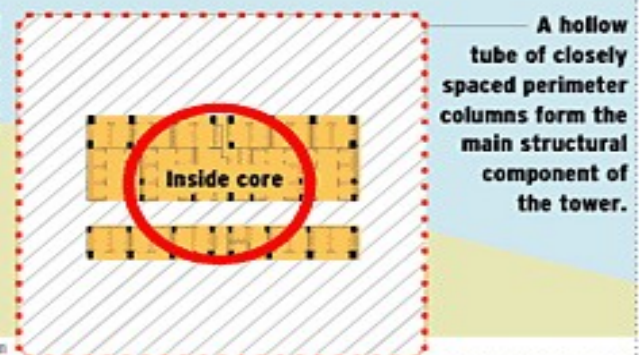
The prolonged high temperatures, fuelled by the large volumes of aviation gas, weakened the steel core struts.

When the fire reached 1,500°F, the weakened struts collapsed and the truss system collapsed vertically.

The building's perimeter columns and floor trusses form a steel lattice, which was designed to act as a wind brace, thereby keeping disturbance away from the central core.



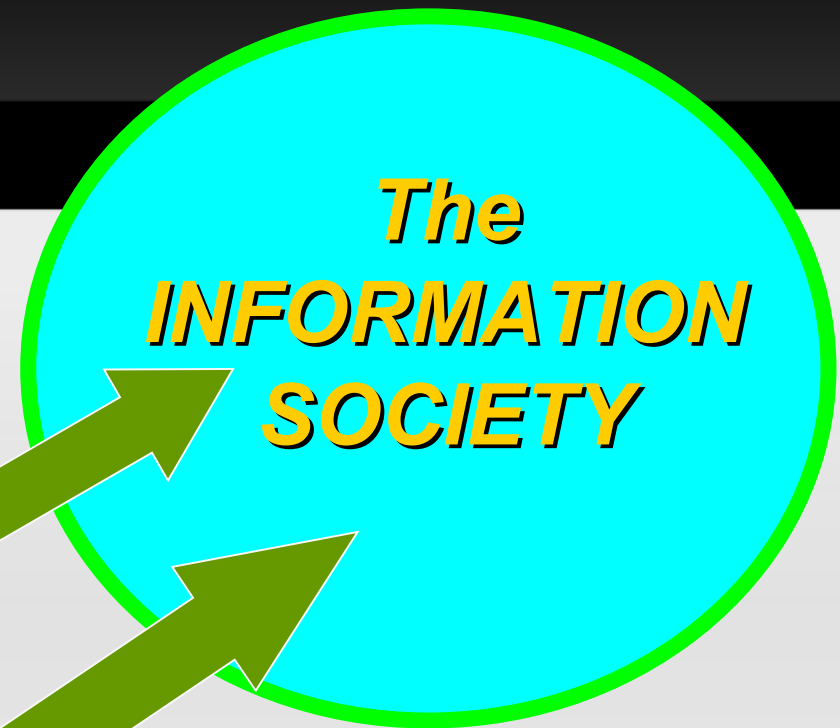
## FLOOR PLAN OF THE WORLD TRADE CENTRE







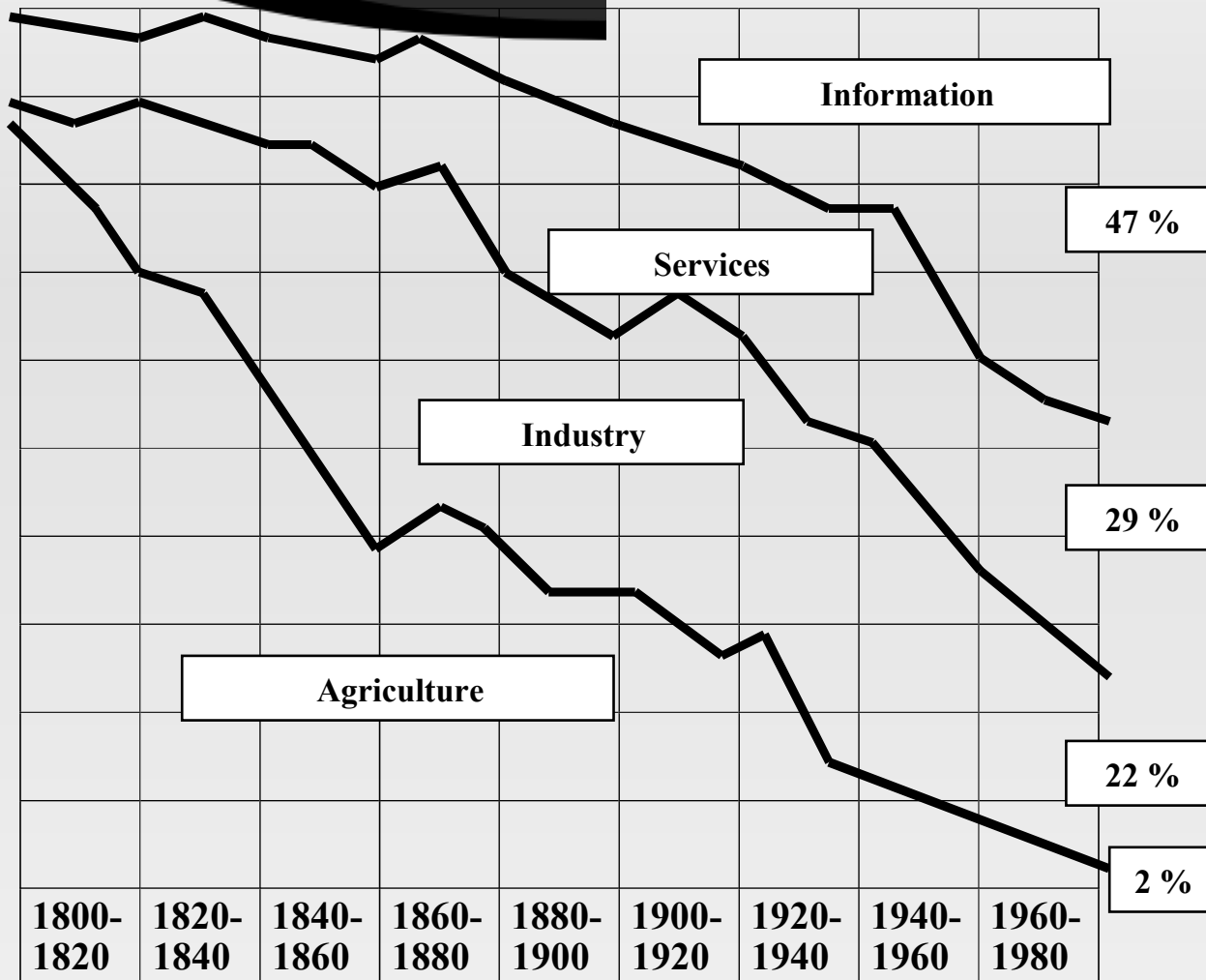
*The virtual "society"*



**The GLOBAL Information ERA !**

# The Information Society

## The Work Force Composition



Gambar 1

The Change of the Work Force Composition in the USA 1800-1980  
(Source:: Everett M. Rogers, [1986], *Communication Technology*, page 11)

# Information Workers

*Individuals whose main activities are .....*

**PRODUCING.....**

**PROCESSING.....**

**DISTRIBUTING.....**

**INFORMATION**

**producing**

**The INFORMATION TECHNOLOGY**



*..... teachers, lecturers, academicians, reseachers, writers, reporters, managers, public relation, etc.... .*

**CIO**



# Key Social Institutions

<i><b>Society</b></i>	<i><b>Key Social Institution</b></i>
<i><b>Agricultural</b></i>	<b>FARM</b>
<i><b>Industrial</b></i>	<b>FACTORY</b>
<i><b>Information</b></i>	<b>UNIVERSITY</b>

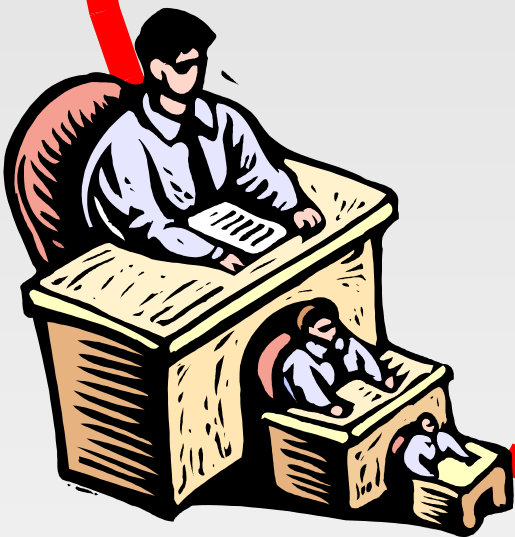
(Source: Everett M. Rogers, [ 1986], “*Communication Technology*”, hal. 13)

# The ~~INDONESIAN~~ Information Societies:

Pesantren  
Sekolah  
Kampus

PESANTREN  
SEKOLAH KAMPUS

Masyarakat  
INFORMASI





# SELESAI

The END  
The END

THE END

Selamat mengikuti  
KULIAH ini  
dengan SEKSAMA