



# Technology in Business

## Meeting 2

# Technological Development

## Wave I: Agriculture

- Hand Tools
- Animal Power
- Irrigation
- The level of prosperity comes from the area of land and yields



## Wave II: Industrial Revolution

- Industrial Revolution: Steam Machines
- Prosperity measured: Mastery of steel, industry, coal, transportation



# Technological Development

## Wave III: Mass Production

- Mass production & consumer based
- Cheapening of oil energy
- Automobile, housing, retail

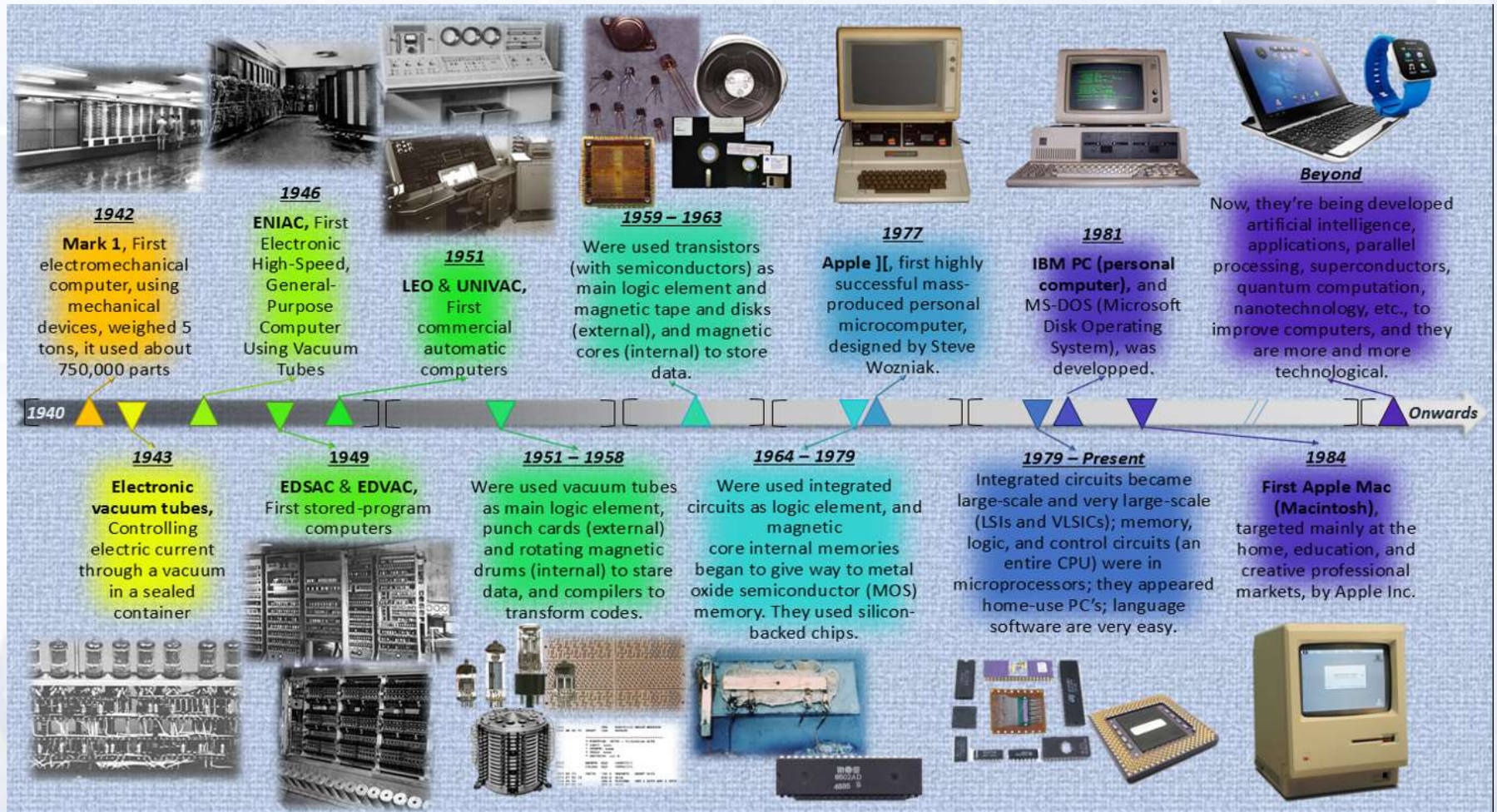


## Wave IV: Industrial Revolution

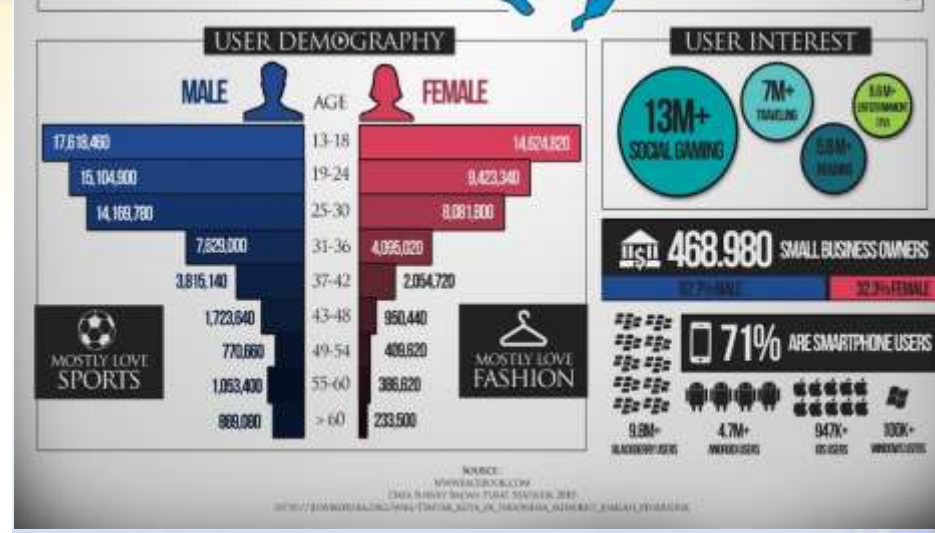
- Digital Age, mainframe computers, microprocessors, PCs, Smartphones
- Biotechnology
- New material
- Nano technology



# The Evolution of Computer Technology: An Example



# Overview Indonesia



# Technology in Business

- Research & Development is a key driver
- Continuous Innovation Process
- Starting a small and medium scale business has the potential to become a giant business
- Synergy Between Innovators, Technoprenuer, Investors
- 5-25% investment of sales for R&D

# 10 Technology-Based Business Prospects

1. E-Business Type
2. Community
3. Content
4. Technology Devices
5. Access Channels
6. Regulation
7. Organization
8. Change Strategy
9. Business Process
10. System Approach

# E-applications That Are Useful In Life

1. e-Government
2. e-Business
3. e-Learning
4. e-Health
5. e-Employment
6. e-Environment
7. e-Agriculture
8. e-Science



*"Practice makes us right, repetitions make us perfect."*



Crater of Keramikan, Suoh, West Lampung

**end**