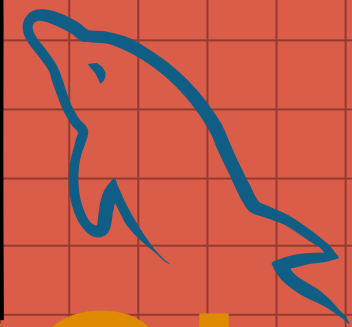
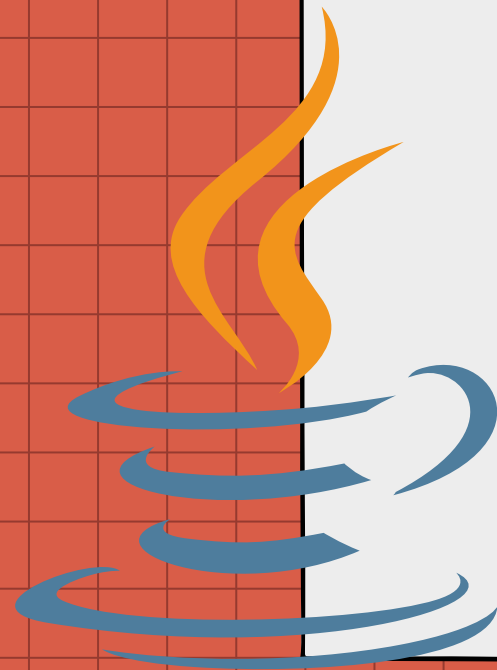


Technology and Information Systems Concepts for Management Information Systems

GROUP 5



MySQL

the nature of technology and information systems

technology information

Computer configuration Information technology can be defined as the process of processing data in the form of information using computer devices that function to process, including storing and producing accurate and reliable information. Processing data (information) via computer devices will be related to software and hardware.

information systems

An information system is a collection of hardware, software, brainware, procedures and/or rules that are organized integrally to process data into useful information for solving problems and making decisions.

Scope of Information Technology

In general, information technology is always related to two aspects, namely hardware and software

hardware



Communication Technology

EXAMPLE

Communication technology is defined as a tool (media) used to convey information to other people effectively and efficiently.

The media in question can be computers, teleconferencing, video, animation, interactive multimedia, internet networks, and others.

EXAMPLE



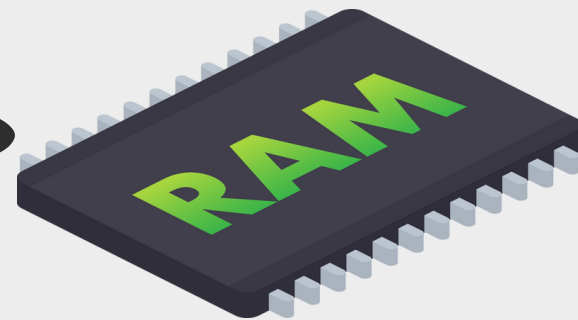
Teknologi Sistem Informasi

A computer system is a system consisting of components that are interrelated and work together to process data into information.

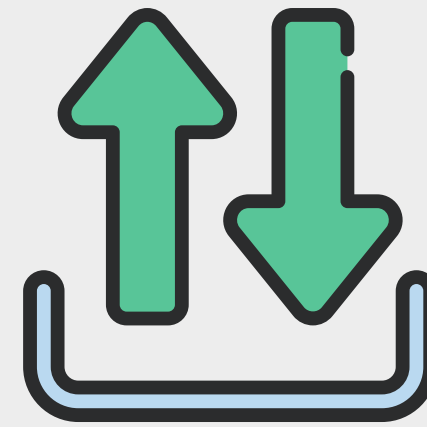
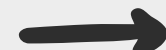
Computer system components



CPU



RAM

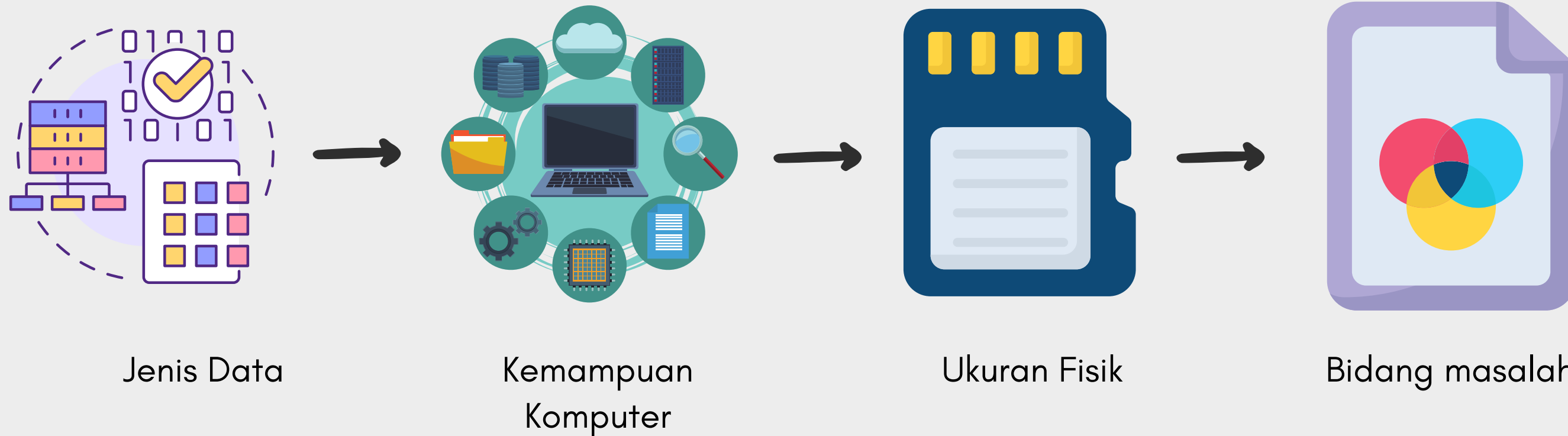


Input/Output

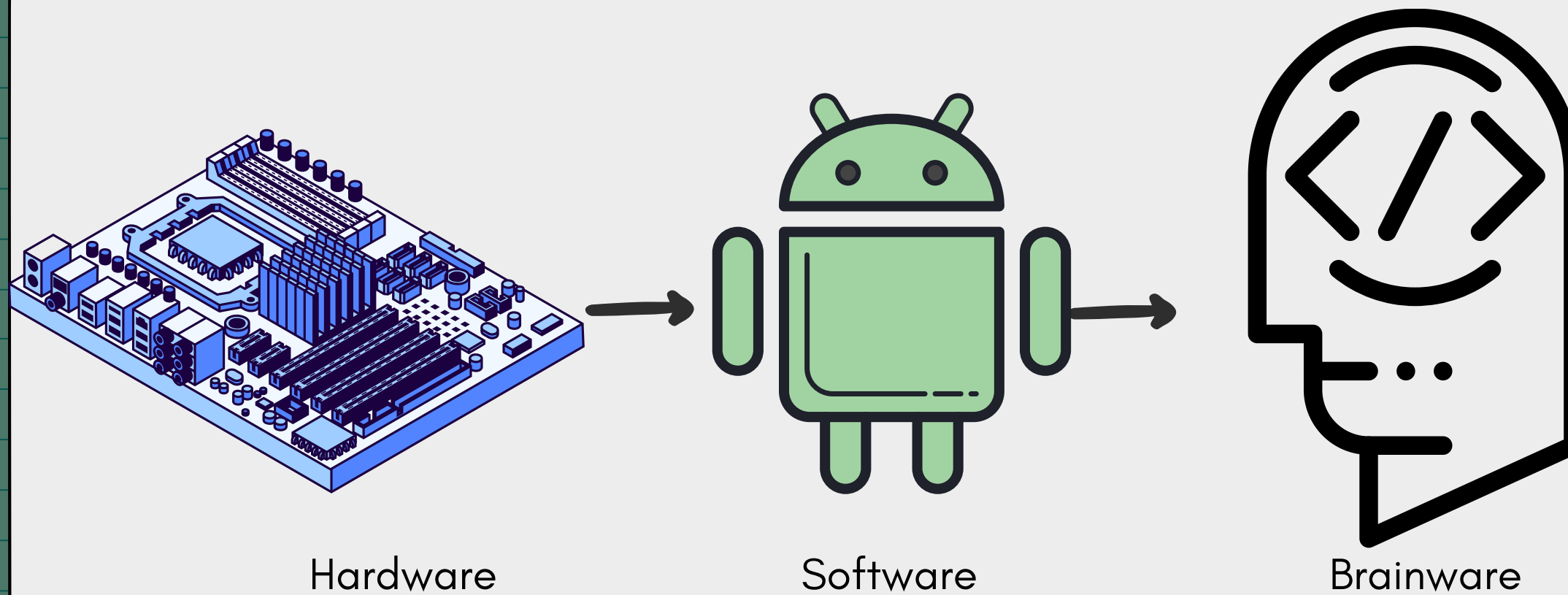


Interkoneksi
antarkomponen

Computer classification



Computer configuration

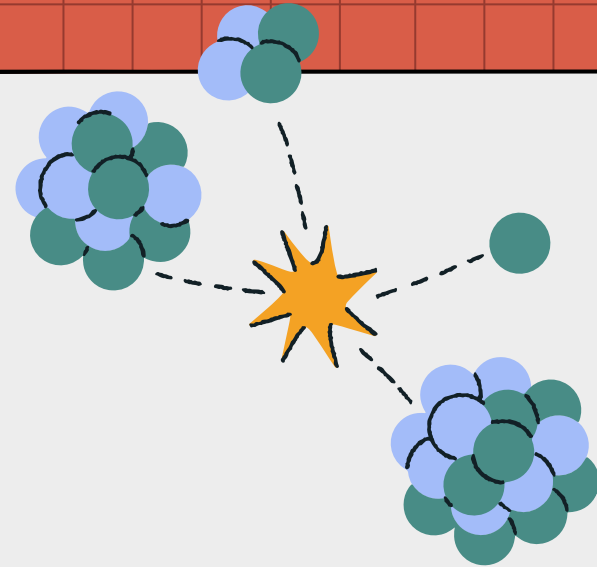


Era of Computerization Technology Development

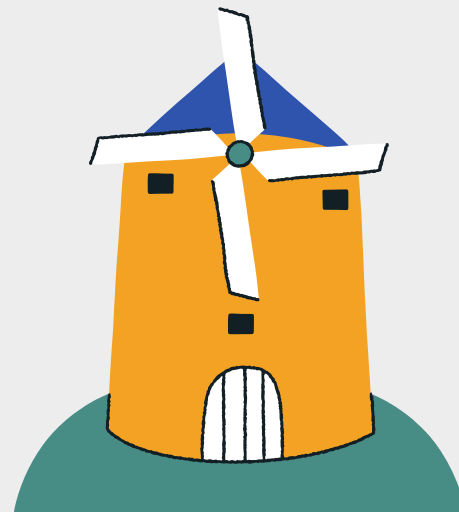
Computerization Era (1950–1970): This era is characterized by the development of computers that are still large and expensive, so they can only be used by large companies and government agencies.

Information Technology Era (1970–1990): This era is characterized by the development of computers that are getting smaller and more affordable, so they can be used by the general public.

Era of Globalization (1990–present): This era is characterized by the development of the internet and communication technology, allowing people from all over the world to connect with each other.



Advantages & Disadvantages



**Increase efficiency
and productivity**

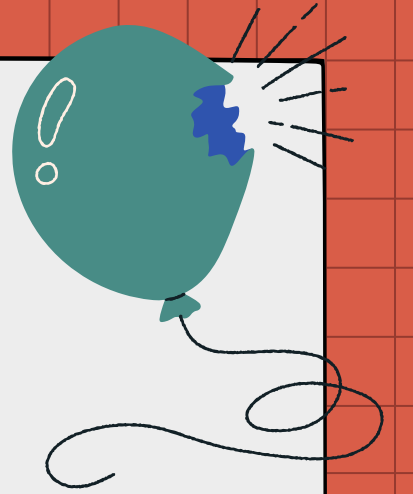
**Expanding access to
information and
communication**

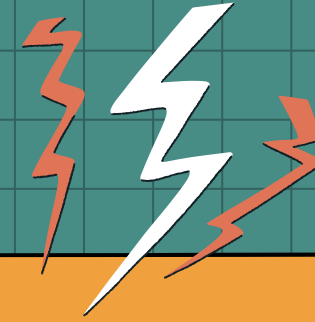
Improve quality of life

Technology addiction

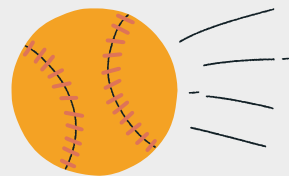
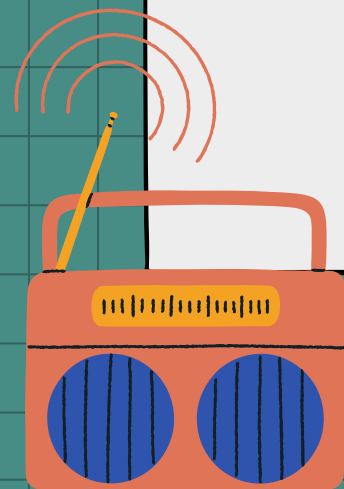
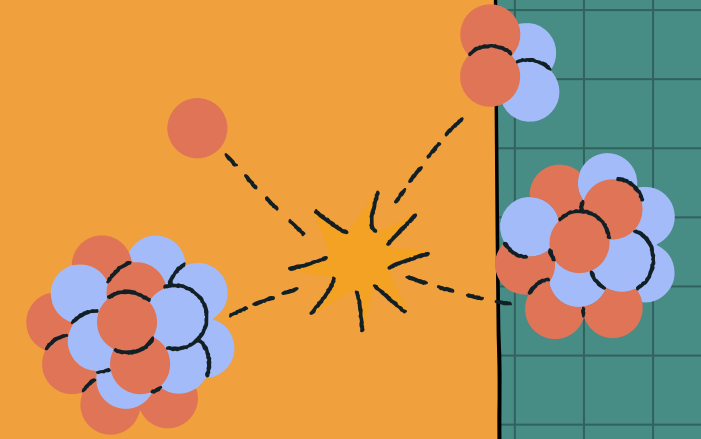
**Dissemination of
false information**

Cyber crime

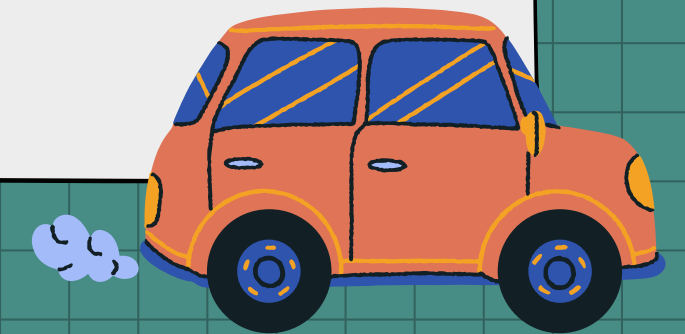




How does energy transfer happen around us?

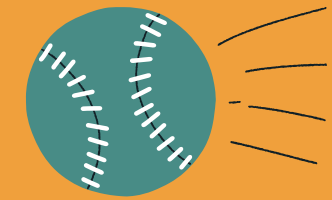


Create a poster showing the energy transfer process you observed at home, school, or any place you went to.





Recap:



Energy is neither created nor destroyed but can be transferred from object to object through various means. This energy can be harnessed to generate motion and fulfill work.



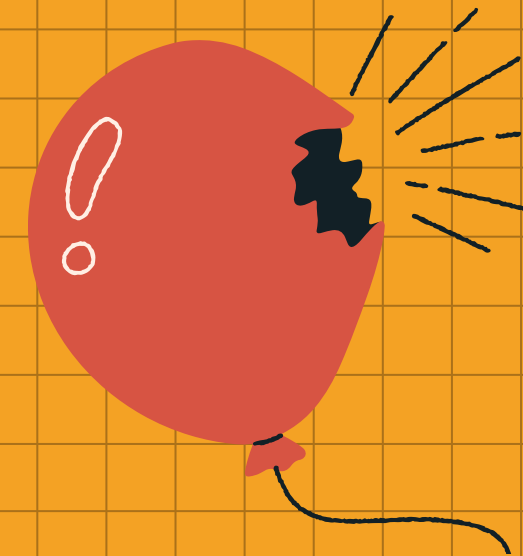
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Retrieved October 11, 2022, from
<https://www.oercommons.org/courses/exploring-public-speaking/view>

Resource Page

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online class.**

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