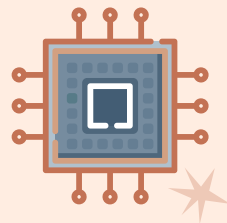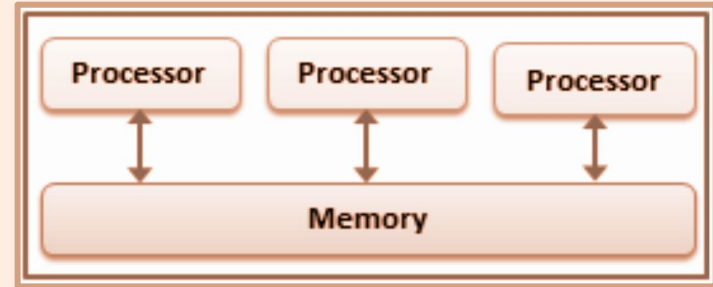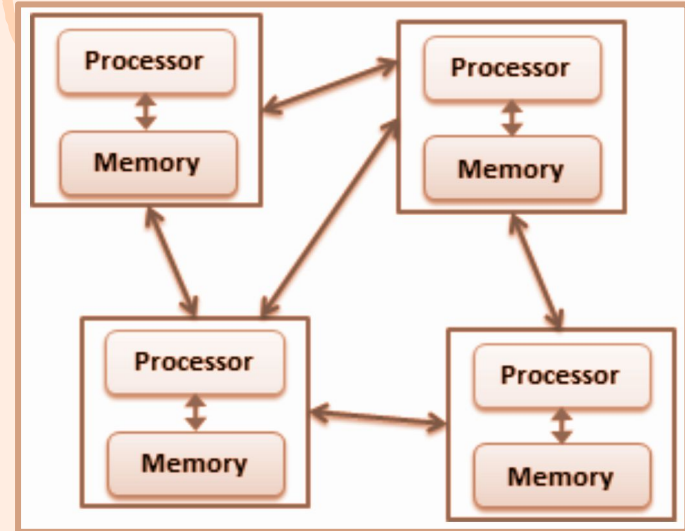# COMPUTING DEFINITIONS!

By Carter Ma

What is Parallel Programming?

- Using multiple processors to complete tasks at the same time

- Occurs in a single computer

- The computer can have shared memory

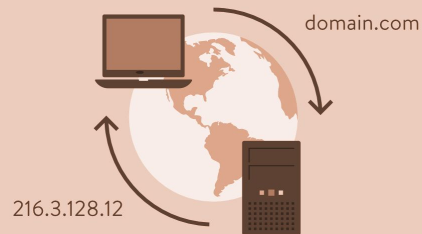# What is Distributed Computing?

- Using multiple computers to complete tasks at the same time

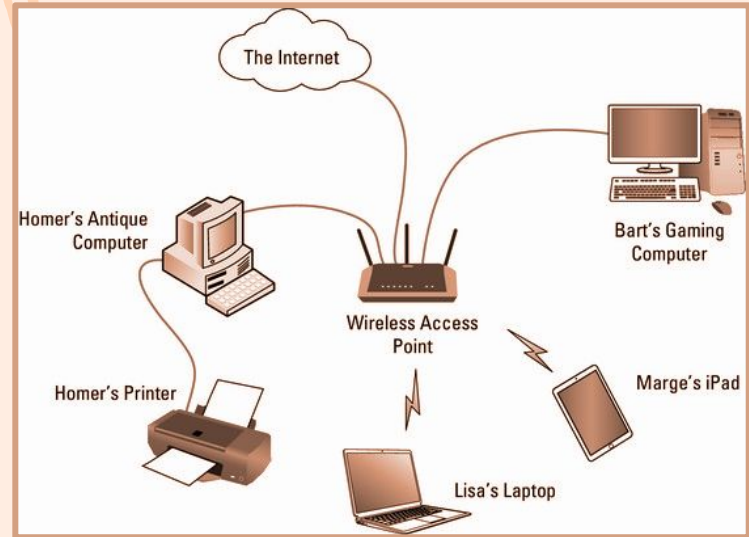- Each computer has its own memory

What is DNS?

- DNS (Domain Name System) translated domain names to IP Addresses.
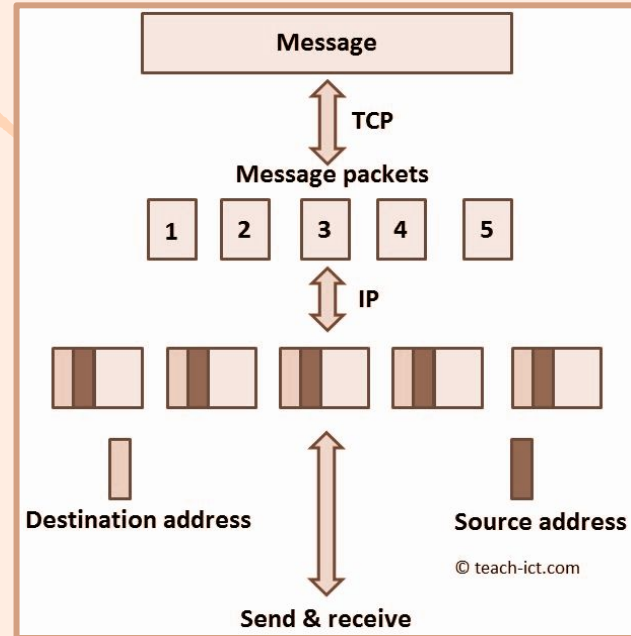
What is a Network?

- A set of linked computers that are able to share resources and information

What is a Packet?
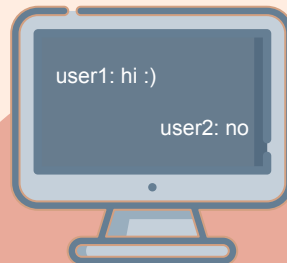
- A packet is a small amount of data sent over a network

- Data is divided into packets because it makes the network more efficient

Message

TCP

Message packets

| 1 | 2 | 3 | 4 | 5 |

IP

Destination address

Source address

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Send & receive

What is Protocol?

- Protocols are a set of rules that take large-scale processes and break them down into small tasks or functions

- They enable computers to communicate with each other

user1: hi :)

user2: no

What is Bandwidth?

- Bandwidth describes the maximum data transfer rate of a network or internet connection

- Higher bandwidth allows data to be transferred at a faster rate

What is Bias in Computing?

- Computer systems that systematically and unfairly discriminate against certain individuals or groups