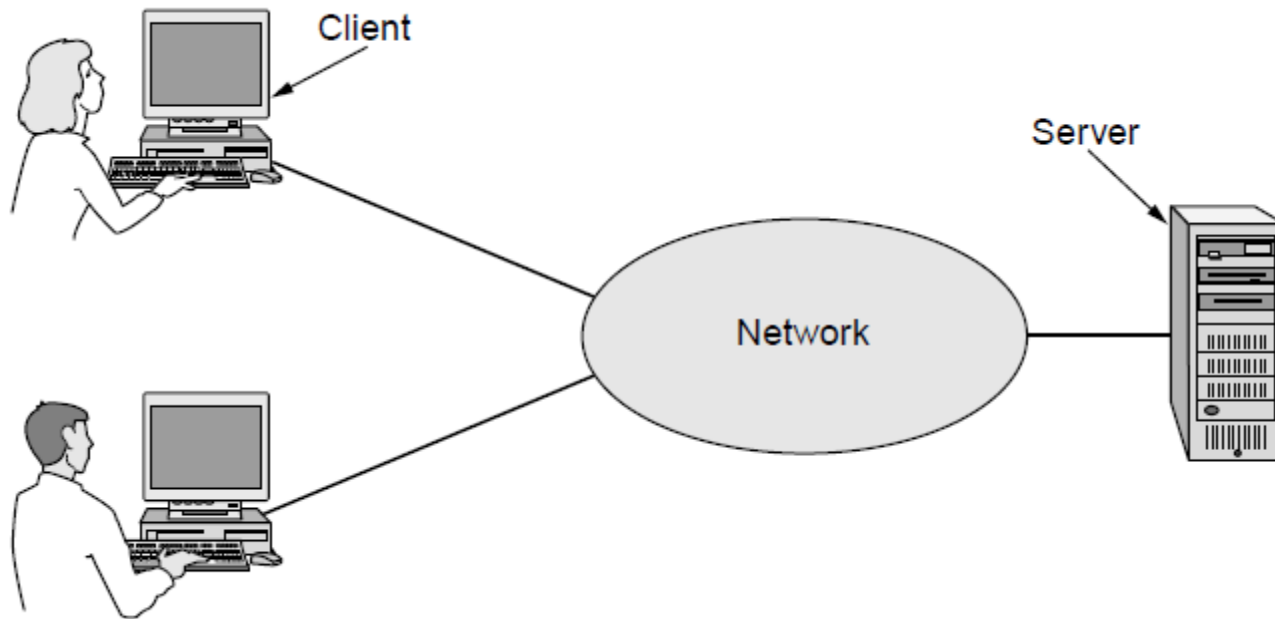


# Uses of Computer Networks

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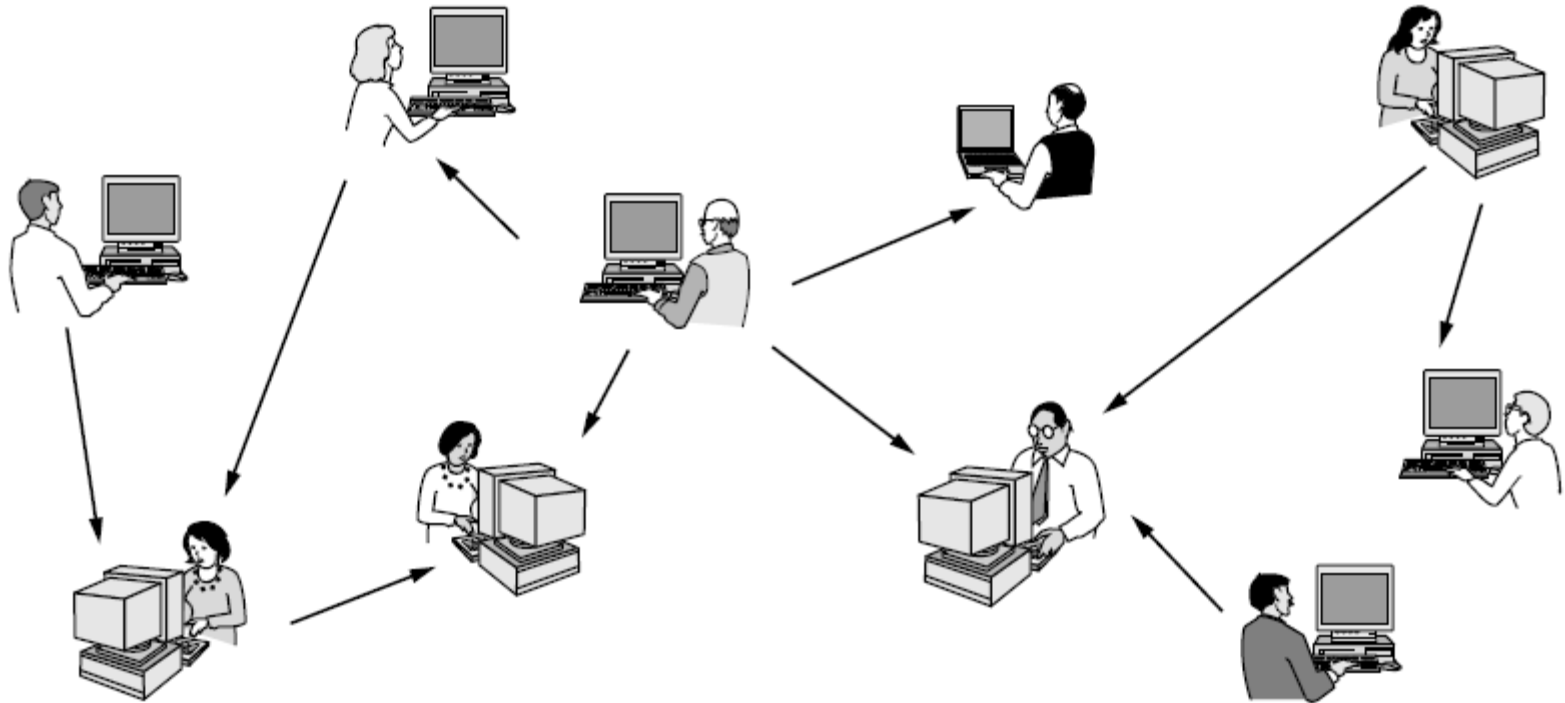
A network with two clients and one server



## Business Applications

# Uses of Computer Networks

## Home Applications



In a peer-to-peer system there are no fixed clients and servers.

# Uses of Computer Networks

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## Home Applications

Some forms of e-commerce

Tag	Full name	Example
B2C	Business-to-consumer	Ordering books online
B2B	Business-to-business	Car manufacturer ordering tires from supplier
G2C	Government-to-consumer	Government distributing tax forms electronically
C2C	Consumer-to-consumer	Auctioning second-hand products online
P2P	Peer-to-peer	Music sharing

# Networks

- ❑ **Local Area Network (LAN)** – that spans a single building or campus
- ❑ **Metropolitan Area Network (MAN)** – that spans a single city
- ❑ **Wide Area Network (WAN)** - that spans sites in multiple cities, countries, or continents
- ❑ **The internet**

Interprocessor distance	Processors located in same	Example
1 m	Square meter	Personal area network
10 m	Room	Local area network
100 m	Building	
1 km	Campus	
10 km	City	Metropolitan area network
100 km	Country	Wide area network
1000 km	Continent	
10,000 km	Planet	The Internet