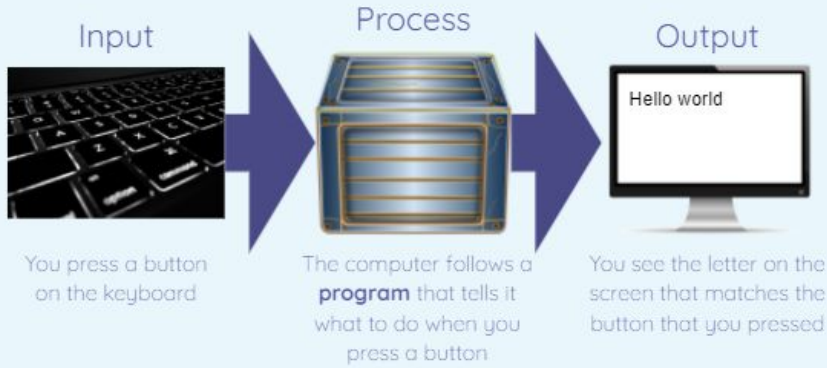


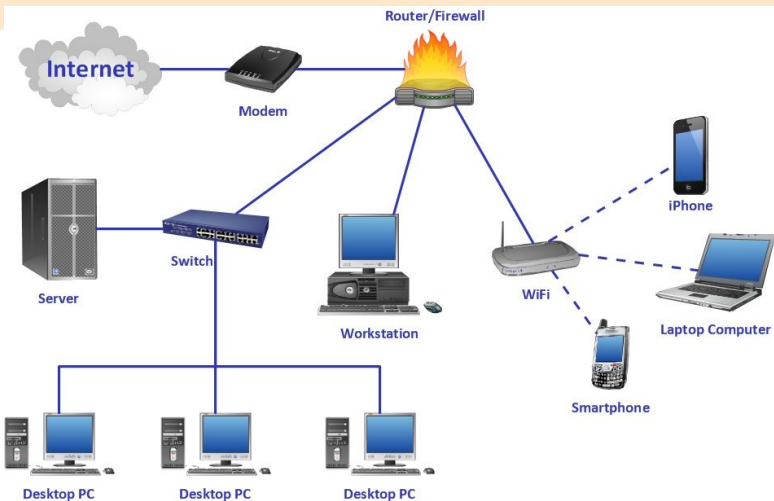
Digital devices must have an input, a process, and an output



WHY DO WE NEED NETWORKS?

A network is an interconnected group of people or things. We are part of real life networks such as families or sports teams.

Computer networks allow devices to share files, printers, software and internet access. They make communication easier and allow people to share resources. Watch this video to find out more: [How do computer networks work?](#)



VOCABULARY

Input	data (information) that enters a digital device
Output	data (information) that is produced or sent out by a digital device
Process	a program that tells the device what to do when it receives input
Network	interconnected devices that can share information
Network Switch	a device that connects multiple devices on a network with one another
WiFi	a facility allowing computers, smartphones, or other devices to connect to the internet or communicate with one another wirelessly
Server	a computer that manages the network and stores files
Wireless Access Point	a device connected to a wired network, which sends and receives wireless signals for devices with WiFi connectivity