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Description automatically generatedHardware peripherals

## Introduction

Input devices are peripherals used to capture data, including measurements from sensors, into a computer system. Output devices are peripherals that output data or information from a computer system.

## Input and output devices

In pairs or small groups, create a list of computer peripherals. Then, decide whether they would be considered input or output devices and explain their purpose.

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| **Device** | **Input or output?** | **Types** | **Purpose and features** |
| *Mouse* | *Input* | *USB*  *Bluetooth/Wireless*  *Trackball* | *Allows the software developer or engineer to move the cursor around the screen and use the buttons to select. For example, they may use the mouse to open an application.* |
| Keyboard | Input | USB  Bluetooth/Wireless  Gaming  On-screen  Integrated | Allows the software developer to input letters, numbers and symbols, which ultimately will be needed to write code.  Allows the developer to input commands to control the computer.  Shortcuts and function keys offer additional functionality. |
| Speakers | Output | Internal  Portable  Multimedia  Soundbars  Buzzers  Bluetooth/Wireless | Would allow the software developer to hear sound generated from their device. This may be particularly useful for video conferencing when working remotely.  Internal speakers can be built into devices such as laptops and tablets. |
| Monitor | Output | CRT  LED  Plasma | Sometimes referred to as a video display unit a monitor displays text, images, video, and graphics from a computer. This will be essential for the software developer to see the code and applications they are developing. |
| Microphone | Input | Inbuilt  Headset  Dynamic  Ribbon | Converts sound into an electrical signal. When connected to a computer, this allows the software developer to participate in audio calls. |

## 

## Explorer Task

What peripheral devices may other small or large organisations use? How may these be different from those you have described in the table?

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