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| **INPUT DEVICE** | **OUTPUT DEVICE** |
| An input device is any hardware device which enables the user to enter data and instructions into a computer. | An output device is any hardware component that use received data from a computer to perform a task. | |
| An input device can send data to another device but it cannot receive data from another device. | An output device can receive data from another device and generate output with that data, but it cannot send data to another device. | |
| Input devices are necessary for a computer to receive commands from its users and data to process. | Output devices are necessary for a computer to share its results and prompt users for more information and commands. | |
| Input devices are controlled by the user. | Output devices are controlled by the computer. | |
| Input devices are relatively complicated as they have complex coding that ensures that the user can interact with the computer correctly. | Output devices are simpler for the user since they only see the results and do not have to learn the processes. | |
| keyboard and mouse, microphone, webcam, image scanner, Microphone, pointing device, touch screens, graphics table, Optical character reader (OCR), joystick etc. | Printer, monitor, speakers, projector LCD projection panels, computer output microfilm, plotters etc. | |

**MATRIC NO:18/SCI01/022**

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1) **DIFFERENCES**

2) **EXAMPLES**

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| **INPUT DEVICE** | **OUTPUT DEVICE** |
| Keyboard | Printer | |
| Mouse | Monitor | |
| Microphone | speakers | |
| Webcam | Plotters | |
| Image scanner | Computer output microfilm | |
| Pointing device | Projector LCD projection panels | |
| Joysticks | Sound card | |
| Optical character reader (OCR) | Global positioning system (GPS) | |
| Touch screens | Speech-Generating devices | |
| Graphics table | Video card | |