|  |  |
| --- | --- |
| **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**

**NAME:BELLO MAHMUD**

1) **DIFFERENCES**

2) **EXAMPLES**

|  |  |
| --- | --- |
| **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 |