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**Question**
Differentiate between input and output devices. List 10 examples of each.
 ***SOLUTION***

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| **Differences** | **Input device** | **Output Device** |
| **DEFINITION** | Input devices are hardware components that are used to provide data and control signals to a computer. | Output devices are hardware components that use received data from a computer to perform a task. |
| **PURPOSE** | Input devices are devices that serve to enter data into a computer.  | Output devices give the computer the ability to provide us with necessary information. |
| FORM | Input devices are physically interacted with by the user and have buttons, keys, a lens or some other component that is responsible for the actual data input | Output devices are never contacted, are usually larger, and typically have a screen or set of speakers for data output. |
| **ACCESSIBILITY** | An input device is used to take instructions from a user and give it to the computer and therefore has to be easily accessible to the user. | Output devices, on the other hand, do not rely on any form of physical contact with the computer user and may be present as an internal component. |
| **PHYSICAL ATTRIBUTE** | Input devices are usually smaller in size | Output devices are larger, and emphasize on quality and size of output. |
| **COST** | Most input devices, being smaller and easier to manufacture, cost less | Output devices cost more than input devices |

**EXAMPLES OF INPUT DEVICES**

1. Track ball
2. Joystick
3. Camera
4. Web cam
5. Microphone
6. Light pen
7. Keyboard
8. Mouse
9. Optical scanner
10. Touch screen

**EXAMPLES OF OUTPUT DEVICES**

1. Visual display unit
2. Speakers
3. Headphones
4. Film recorder
5. Projectors
6. Plotters
7. Monitor
8. Printers
9. Computer output microfilm
10. LCD projection panel