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Matric Number: 18/SCI01/010.

Course Code: CSC 202.

**Assignment:**

Differentiate between input and output devices and list 10 examples each.

**INPUT DEVICES:**

An input device in simple words is one that’s helps the computer get the data from the user and enters it in the computing system. It is hardware that takes the data from the fingers of the user and then processes the information through the keys into the system. Several ways to classify these input devices exist but they are done so in the following manner. The first thing to keep in mind with such devices is that they have modality in input that means a mechanical motion or an audio input goes in them. Another thing to keep in mind is that does the data flow in a discrete manner or not. This action gets known with the help of pressing the keys.

**Examples of Input Devices:**

1. Keyboard
2. Mouse
3. Light Pen
4. Optical/Magnetic Scanner
5. Touch Screen
6. Microphone for voice as input
7. Track Ball
8. Joystick
9. Camera
10. Web cam (PC video camera)

**OUTPUT DEVICES:**

An output device is entirely opposite to an input device, and it does not take rocket science to understand the purpose of such devices. These play significant role in the information and other data becoming visible to the user. If there is a calculation going on within the system through the keyboard, then the results are all the processes get displayed on the monitor. Similarly whenever we play a song from the computer by clicking on the file, the sound comes out through the speakers. These devices have all variable purposes and include display projection, reproduction among others. The best example, in this case is that of the printer. Whenever we read a file on the computer and need to get in the physical form, a printer makes life easier and providing appropriate tools that make that soft copy into hard copy.

**Examples of Output Devices:**

1. Monitor
2. Printer
3. Headphones
4. Computer Speakers
5. Projectors
6. GPS
7. Sound Card
8. Video Card
9. Braille Reader
10. Speech-Generating Device.