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processor that incorporates the functions of a central processing unit on a single integrated circuit IC or at most a few integrated circuits. The microprocessor is a multipurpose clock driven register based digital integrated circuit that accepts binary data as input processes it according to instructions stored in its memory and provides results as output. The digital humanities summer institute at the university of Victoria provides an ideal environment for discussing and learning about new computing technologies and how they are influencing teaching research dissemination and preservation in different disciplines. 

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Resistance is the opposition to current flow in various degrees. The practical unit of resistance is called the ohm. A resistor on one ohm is physically very large but provides only a small resistance to current flow. In electronics, an analog to digital converter (ADC) is a system that converts an analog signal such as a sound picked up by a microphone or light entering a digital camera into a digital signal. An ADC may also provide an isolated measurement such as an electronic device that converts an input analog voltage or current to a digital number representing the magnitude of the signal. In electronics, an analog to digital converter (ADC) is a system that converts an analog signal such as a sound picked up by a microphone or light entering a digital camera into a digital signal. An ADC may also provide an isolated measurement such as an electronic device that converts an input analog voltage or current to a digital number representing the magnitude of the signal. 

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