

## **Assignment 01**

### **Question 1**

In addition to being used with computers and consumer products, there are also processors and other components designed to be implanted inside the human body, such as the VeriChip, implantable wafers containing medication and a processor that delivers the medication at the appropriate time and dosage, camera pills that are swallowed to transmit images of an individual's digestive system to a receiving unit, and pacemakers designed to regulate an individual's heart rate. One step further is brain-to-computer interfacing (BCI), which involves implanting electrodes directly into the human brain to restore lost functionality or to facilitate the communications ability of severely disabled individuals, such as by enabling them to control a mouse using only their thoughts. What do you think about these implantable chip applications? Are the benefits worth the risk of something going wrong with the chips implanted inside your body? Are there any privacy risks? Would you consider using an implanted device? Why or why not?

### **Question 2**

Cloud Storage There are a number of cloud storage services (such as ADrive, Microsoft OneDrive, Google Drive, and Box) designed to allow individuals to back up files online and share specific files with others; specialty online storage services designed for digital photo sharing include Flickr, Photobucket, and Snapfish. For this project, visit at least one cloud storage site designed for backup and file exchange, and at least one site designed for digital photo sharing. You can try the sites listed above or use a search site to find alternative sites. Tour your selected sites to determine the features each service offers, the cost, the amount of storage space available, and the options for sending uploaded files to others. Do the sites password-protect your files, or are they available for anyone with an Internet connection to see? What are the benefits for using these types of storage services? Can you think of any drawbacks? Would you want to use any of the storage sites you visited? Why or why not? At the conclusion of this task, prepare a short summary of your findings and submit it to your instructor.