Lab 04

1. Depending on how sensitive the information you store on your pc is, I can imagine it could be very important to use bit locker. I feel that mother board failure is not to common of an occurrence to the extent that it would prevent anyone from using the software. However, not being familiar with TPM chips at all, I wouldn’t be able to say for sure how confident I would be relying on them not to fail. I have had many motherboards over the years since I’ve owned and used several computers on a regular basis, and never had a mother board fail. I would imagine that if the TPM chips are popular that they would be rather reputable and probably pretty good, especially if their mention made it into this book. I would assume their risk of failing is about or just slightly higher then the risk of a motherboard failing, which I render pretty low. So in conclusion, if I ever did have highly sensitive information, or knew somebody who did, I would recommend it.
2. Build a system like your lab PC

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| Item Name | Item Picture |
| Motherboard P8Z77-V LGA 1155 Z77 ATX Intel Motherboard | http://c773974.r74.cf2.rackcdn.com/386886_367912_01_top_thumbnail.jpg?1362252148288 |
| CPU Core i5 3570K 3.4GHz LGA 1155 Processor | http://c773974.r74.cf2.rackcdn.com/0388577_425470.jpg |
| CPU Socket  LGA1155 |  |
| AGP/PCI ? PCIe3.0x16http://c773974.r74.cf2.rackcdn.com/403016_049536_01_package_thumbnail.jpgVideo Card R7970-2PMD3GD5/OC AMD Radeon HD 7970 Overclocked 3072MB GDDR5 PCIe 3.0 x16 |  |
| RAM HyperX blu 12GB DDR3-1600 (PC3-12800) CL9 Triple Channel Desktop Memory Kit (Three 4GB Memory Modules) | http://c773974.r74.cf2.rackcdn.com/360528_385880_01_front_thumbnail.jpg |