Samuel Galarza

September 1, 2016

Prof. Lawrence

ET-501

Lab 1

Samuel Galarza

**Samuel Galarza**

*Samuel Galarza*

Samuel Galarza

**Samuel Galarza**

THE JAZZICIANS

*present the*

**4th Annual Festival of *Jazz***



* Join us for a fun-filled day of entertainment for the whole family.
* The fun starts at 10:00 a.m. and ends at 11:00 p.m. on **Saturday, October 14, 2012**, at Riverfront Park.
* Festival attractions include games, rides, food, crafts, and live music from the talented artists of The Brass Beat, Dave and the Hornets, and The Nance Lance Band.

Hope to see you there!

Samuel Galarza

September 1, 2016

Prof. Lawrence

ET-501

SAP video 1

Based on the clip that I have viewed on YouTube, BTECH Faculty Institute (June 2015): Day 1, I have learned that SAP is a software program for company management. This program is a computer management system. It’s a structure that helps businesses manage everything within the company. While I was viewing the video, the instructor uses GBI Global Enterprise as an example in the course. He goes on to explain that an enterprise consists of companies and facilities that are implemented in the system. The system helps manage materials like finished materials and raw materials. You can enter the process of the company in the system. Such as production, finances, management, and inventory, for example. The system was created to help run or aid a successful business. It’s important to know the structure of a business, and know how to run a business because without knowing how to run and manage, you cannot be successful.

Graphene

Graphene is a great material that is being used to design and create new products for the future. Graphene is 1 atom-layer thin. Graphene is the thinnest material ever. It’s a very strong material and it’s flexible. What amazed me is that this material is stronger than diamond. Graphene is impermeable to other elements. It does not let anything pass through. Graphene carries heat and charge very well. Graphene is also transparent. Light is allowed to pass through. Scientists and companies are working on creating flexible transparent electronics. Graphene is a material that has great things in stored for us in the future.

The Queens assignment and MIT Algorithm introduction class video

The Queens assignment is a problem about placing eight chess queens on a chessboard where there is no possible way they can attack each other. They cannot share the same row, or column. Also, there cannot not be a diagonal conflict. This problem is used as an exercise for algorithms. Based on what I have viewed on YouTube, the MIT Algorithm introduction class video is a math, and engineering course. The instructor focuses on algorithms and performance. He discusses the analysis of algorithms, performance and what’s more important than performance. Features, security, and user friendliness are all examples of things that are more important than performance. The instructor goes on to talk about why is it important to study algorithms and performance. I’ve learned that by studying algorithms and performance, it gives you a language about talking about program behavior. The instructor also speaks about sorting and that it contains many algorithm techniques. You learn about Insertion Sort and Mergesort. He talks about recurrence and running time. It’s very informative if you’re interested in computers. I believe the videos on this course are going to be very useful.