

Journal of Jyothsna Jakka, Fall 2006

Week1: September 7 to 14

Hands on Latex

Initially I had gone through the online tutorial for Latex and learnt the basics. Then I practised writing small articles which included mathematical formulae and other useful things. After I started writing my Mathematical autobiography.

Week2: September 15 to 21

Understanding The Project

The first thing which I did was to analyse the project with the team. The whole credit goes to Adrian as he was the person who actually showed us a way to approach the problem. Initially we tried to understand what we are supposed to do. Then we made a plan on how we are going to do it. After that we started documenting the things which we discussed. Then I had gone through the basics of Python from the book "Dive Into Python".

Week3: September 22 to 28

Analysing The Algorithm

I had gone through other team's paper. I felt that their algorithm was quite simple ,but I couldn't understand the last part where they made two lists wp and tp by dividing the list into two halves. I clarified it with the team. Then we sent all our comments to the other team.

Week4: September 29 to October 5

Learning Python

Initially I have gone through a very easy book "Python programming for an absolute beginner" to learn the basics of the language. Then I used "Dive Into Python" to

improve my knowledge of Python.

Program for Module3

First thing I did was to understand the module clearly. Then I started to think about the logic for it. Further implemented it in the program.

Modifying the program

As per the advice of Dr.Martin I modified the program with new logic.

Week5: October 6 to 12

According to the comments from colleagues. I did few changes to the program. Made relevant changes to the mathematical autobiography as per the instructions. Consolidated every week's journals into one single journal.

Week 6: October 12 to 19

Execution of the code

I executed the code on the interactive window of Python IDE. First imported OverT, then using this called the other functions and executed them one after the other. Tried to understand the handout.

Week 7: October 19 to 26

Search Research Papers

I searched for the two research papers on the internet. Took printout and read them but could not understand both of them. Read again and was able to understand the Math paper a bit. But not yet decided which paper am I going to present. Read the last week's research paper again and tried to understand it as explained by Dr.Martin.

Week 8: October 27 to November 2

Understanding the paper

This week I haven't done much work. I went through the chemical physics and mathematics journal again. I have decided to give presentation on the mathematics journal which dealt with 'Canonical Correlation Analysis when the Data are Curves'. I tried to read the first paper which Dr.Martin had given and explained us in the two weeks.

Week 9: November 3 to 10

Presentation Week

I read the journal three times but could not understand much. I searched for the basics of correlation and statistics on the net. Took printouts of all the information I got from net. Read them and understood the basics. Then I prepared a word document of all the information I understood. Read the paper again twice and tried to correlate the basics with the information in the paper. Included the concepts of the journal in the handout I prepared.

Comments

I gave presentation and had few comments. I was wearing a jacket while giving presentation which was not looking good. Also I didn't explain the example of the child's gait cycle clearly by walking. And I took long time for my presentation which made it lengthy.