Apu Saikia

10506004

Batch-61

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| **Date** | **Time** | **Brief description about the work what I have done.** |
| 8th Oct  9th Oct  12thOct  15 Oct  19 Oct  21 oct, Thursday  22 oct, Friday  26 oct, Tuesday  28 oct,Thursday  2 nov,Tuesday  4 nov,Thursday  6 nov,Saturday | Afternoon  Evening  Night  Afternoon  Afternoon | I read the lecture notes and searched about files on internet.  And I have got some good materials from the site  [www.scribd.com](http://www.scribd.com) from this i have also done the coding of some functions.  I attended the meeting with my group members to discuss about choice of our project topic. In initial discussion we chose the program for executing virtual game of ludo. Group leader discussed about the possible ways using which coding can be done. From the Discussion we had an idea about old and new concepts to be used in the coding.  Leader gave me the task for searching program for Graphics. As concept of Graphics is entirely new to us it was difficult find the appropriate information as per our requirements. I spent another two days searching for C++ programs for graphics but we couldn’t find sufficient information to work upon it. We realised that this project is going to be very difficult for us to complete in given time.  We informed our TA about my problem. Me and my group leader had long discussion about our topic and we finally decided to discard it as it was too difficult for us to complete the project in given time. TA suggested some topics such as Library management, Bank management which were simpler and achievable. I suggested the topic of Library management  We finalized our topic as Library management;  We had discussion about possible ways of coding to carry out different functions to be carried out by our program. With our discussion with TA Viraj Churi, we learnt some concepts of Structure in C++,which is major part our program in order to manage student and book database. I suggested that for list of books, book database of library of Hostel 12 can be used ,to which the group agreed.  We had meeting with whole group, in which leader explained briefly about algorithm and working of our program. we divided the program in different components such as student and book database management by librarian, Search function of books by book name, book id, and author name. We had discussion about algorithm of different functions.  We met again to inform our group on which function we are going to work .I chose the function of ‘Book issue’ and started working on it. I read about file management as it was a major part of algorithm of my function.  I started working on actual algorithm. I first declared some variables along with file pointer. To check working of my function I had have some data in the file from which issue of book can be carried out. I started working on it but struggled a lot with file management concepts and its modes of opening.  I consulted my TA about the problem and he suggested me some other options for the programme.  I tried his suggestions,but still the programme didn’t work.The “fwrite “ function is not working due to some address problem and its not writing the issued book name in the issue.txt file.  I tried several times but its still not working!  My batch co-ordinator assigned me the documentation for add member function.  I submitted the documentation part to my batch co-ordinator. |