ASSIGNMENT OF C\_PROGRAMMING LANGUAGE 

Topic:- Write a program in c which creates log a.log when your computer gets connected to internet connection.

Sub code:- COM-101

Group Name:- Mietians

Teacher Incharge:- Purnendu Prabhat

GROUP MEMBERS:-

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WORK DIVISION TABLE

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| S\_NO | Group member name | Tasks done |
| 1. | Searching and finding data and links about assignment | Aman Dubey |
| 2. | Building the code | Akash katoch and Harish kumar |
| 3. | Typing the code on sublime text | Harish kumar |
| 4. | Design of the code | Akash katoch |
| 5. | Flowchart | Gourav gupta |
| 6. | Algorithm | Sahil manhas |
| 7. | Screenshots | Aman dubey |
| 8. | Creating repository and compiling at last and upload on github | Harish kumar |

Write\_up

Assignment of C\_programmming language(COM-101)

Assigned by:- Purnendu Prabhat

Topic:- To create a C program which note down the time span and stores in a.log file.

Beginning with,

The basic idea of the assignment/ c program is just to perform an action which is to collect

some data and get it stored to a log file which is (a.log).

The user had to create a log file which is a.log file and for testing the log file user can input any

data in and can access it . Now we had to write a c program which accepts the exact date and

time of the pc time to time when our pc gets connected to internet connection (which is through

wifi or using LAN ,WAN,MAN).

This program can include the concepts that pointers,data file handling,normal c program

concepts which we had studied in semester 1.

The headers file included in this program are

1.<stdio.h>//for basic c program

2.<time .h>//for getting time and date from the the computer.

The data file handling concept used in the program is for following reasons and are as follow:-

1. fopen :- it is used to open that file and access and also to store the date and time when the

computer gets connected to internet connection . After opening it we can perform the action

required for storing the date and time.

2.fclose :- it is used to close that file or in simple words you can say that to come out of the .

After writing the required c code user had to chec

k for errors by going to terminal and firstly opening the file by cc program name .c and for error

just type ./a.out if no error came then you can run it safely.

At last the execution place in following steps:

Firstly user had to open the terminal and open that file by using command line: cc a.log

After that on compiler the desired output will be displayed on it

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REQUIREMENTS:-

* Basic knowledge of using draw.io.
* An github account.
* Laptop with linux installed in it.
* Sublime text for typing the code.
* Knowledge of making flowchart and how to write an algorithm.
* Basic knowledge of creating repository and how to make it open source.