Day 12.

02 – 02 – 2022

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| Sr. No. | Topic | Timing |
| 1. | **Dynamic Memory allocation in C**  Allocating a block of memory: MALLOC, allocating multiple blocks of memory: CALLOC, releasing used space: FREE, Alternative the size of allocated memory: REALLOC | 1.5 hours |
| 2. | **Introduction to GDB**  Launch GDB, add breakpoints to code, Execute C program in GDB, Printing variable values on GDB, GDB commands | 0.5 hours |
| 3. | **Practice on GIT and GDB debugger** | 2 hours |

Schedule for day one is as follow:

Day twelve is for of dynamic memory allocation and GDB introduction in c.

Duration of attending program is 04:00 hours.

The lecture we have attain is for Allocating a block of memory: MALLOC, allocating multiple blocks of memory: CALLOC, releasing used space: FREE, Alternative the size of allocated memory: REALLOC, Launch GDB, add breakpoints to code, Execute C program in GDB, Printing variable values on GDB, GDB commands.

Today we have performed all the programs related to the topics covered and we have allocated some application-oriented coding all are uploaded in git hub.

For all the topics above I have created a whole handwritten notes for c.

And, we have given a 1. Assignment regarding the function.