

Assignment-2: Exploring GDB commands

(1 Week)

- Write a short note on **GNU debugger(GDB) command** in Linux.
- Write the meaning of each of the following concepts within 100 words
- Check if there are GDB commands corresponding to these concepts. In this assignment syntaxes and screenshots of GDB commands are not needed to upload. Here, you have to only write status ('YES/NO') of availability of GDB command.

Example: ***GDB Command available: YES***

1. Running a program
2. Loading symbol table
3. Setting a break-point
4. Listing variables and examining their values
5. Printing content of an array or contiguous memory
6. Printing function arguments
7. Next, Continue, Set command
8. Single stepping into function
9. Listing all break point
10. Ignoring a break-point for N occurrence
11. Enable/disable a break-point
12. Break condition and Command
13. Examining stack trace
14. Examining stack trace for multi-threaded program
15. Core file debugging
16. Debugging of an already running program
17. Watchpoint