

gdb file – load an executable file

(gdb)help

(gdb) quit – exit the debugger

(gdb) break line-number/function name -- Set a break-point on a line/at start of function

(gdb) run <args> -- start running the program; if there are command-line arguments, put them after the run invocation

(gdb) cont -- continue running, after a break

(gdb) next -- Next program line (step over function calls)

(gdb) step -- Step into function calls.

(gdb) finish - Step out of the present function

(gdb) print expression -- Show value of a variable or expression

(gdb) display - display variable value

(gdb) list – List 10 lines of the program being debugged. The sixth line is the preset statement. Subsequent, consecutive entry of list will list the next 10 lines.

(gdb) where – obtain a backtrace showing all function calls before the current statement

(gdb) up – Move to the function that called the present function. Useful if your program crashes in a library function; use up to get to the last function call in your program

(gdb) down – Reverses the action of up

(gdb) deleate – Removes breakpoint by number (see example following). If no number, all deleted.

(gdb) kill – Terminates the program.