

Programming in C++

Debugging Programs

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Objectives

Objectives:



- ▶ Needle in a haystack (guess my number)
- ▶ Program flow
- ▶

- ▶ Print debugging
- ▶ Memory checker
- ▶ Debugger

gdb	lldb	description
-g	-g	compiler flag
gdb	lldb	command
run	run	start program
break function	b function	set a breakpoint
continue	??	continue execution
print expr	print expr	evaluate expression and display result
next	next	single step over instruction
step	step	single step into instruction
list	??	list code
quit	??	leave the debugger

