

```
ubuntu@overrun: ~  
File Edit View Search Terminal Help  
==  
Bye  
ubuntu@overrun:~$ echo "Nguyen Manh Huong"  
Nguyen Manh Huong  
ubuntu@overrun:~$ gdb mystuff  
GNU gdb (Ubuntu 9.2-0ubuntu1~20.04) 9.2  
Copyright (C) 2020 Free Software Foundation, Inc.  
License GPLv3+: GNU GPL version 3 or later <http://gnu.org/licenses/gpl.html>  
This is free software: you are free to change and redistribute it.  
There is NO WARRANTY, to the extent permitted by law.  
Type "show copying" and "show warranty" for details.  
This GDB was configured as "x86_64-linux-gnu".  
Type "show configuration" for configuration details.  
For bug reporting instructions, please see:  
<http://www.gnu.org/software/gdb/bugs/>.  
Find the GDB manual and other documentation resources online at:  
<http://www.gnu.org/software/gdb/documentation/>.  
For help, type "help".  
Type "apropos word" to search for commands related to "word"..  
Reading symbols from mystuff..  
(gdb)  
(gdb) break 38  
Breakpoint 1 at 0x12d7: file mystuff.c, line 38.  
(gdb)
```

Và sau đó chạy chương trình từ bên trong gdb:

Run

```
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<http://www.gnu.org/software/gdb/documentation/>.  
For help, type "help".  
Type "apropos word" to search for commands related to "word"..  
Reading symbols from mystuff..  
(gdb)  
(gdb) break 38  
Breakpoint 1 at 0x12d7: file mystuff.c, line 38.  
(gdb) run  
Starting program: /home/ubuntu/mystuff  
Address of public data: 0x0xffffd55c  
Address of secret PIN: 0x0xffffd584  
  
Public data is I yam what I yam.  
Hex value of PIN is 0x63  
  
Enter an offset into your public data and we'll show you the character value.  
(or q to quit)
```