

sdccd-jupyterhub.nrp-nautilus.io

Compile script constants/Activity2... Running hello world... constants/Lecture... assembly/compile... Variables-and-cons... auto-j (auto-j) - Jup... variables.asm (auto...

File Edit View Run Kernel Tabs Settings Help

Filter files by name

Name	Last Modified
Untitled Fo...	7 hours ago
variables.o	3 minutes ago
variables.a...	30 minutes ago
variables	3 minutes ago
run.sh	3 days ago
firstprogra...	3 days ago
assembly-l...	7 hours ago

variables.asm Terminal 6

jovyan@jupyter-zfathima-40student-2esdccc-2eetu:~\$ ls
assembly-lab.md.save variables
firstprogram.asm variables.asm
run.sh variables.o
'Untitled Folder'
jovyan@jupyter-zfathima-40student-2esdccc-2eetu:~\$ nasm -f elf32 variables.asm -o variables.o
ld -m elf_i386 variables.o -o variables
gdb variables
GNU gdb (Ubuntu 12.1-0ubuntu1-22.04.2) 12.1
Copyright (C) 2022 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:
<https://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 variables...
(No debugging symbols found in variables)
(gdb) break _start
Breakpoint 1 at 0x8049000
(gdb) run
Starting program: /home/jovyan/variables

Breakpoint 1, 0x8049000 in _start ()
(gdb) ni
0x8049005 in _start ()
(gdb) ni
0x804900b in _start ()
(gdb) ni
0x804900d in _start ()
(gdb) ni
0x8049012 in _start ()
(gdb) x/d &result
0x804a008: 25
(gdb) █

Simple 6 0

Terminal 6 1