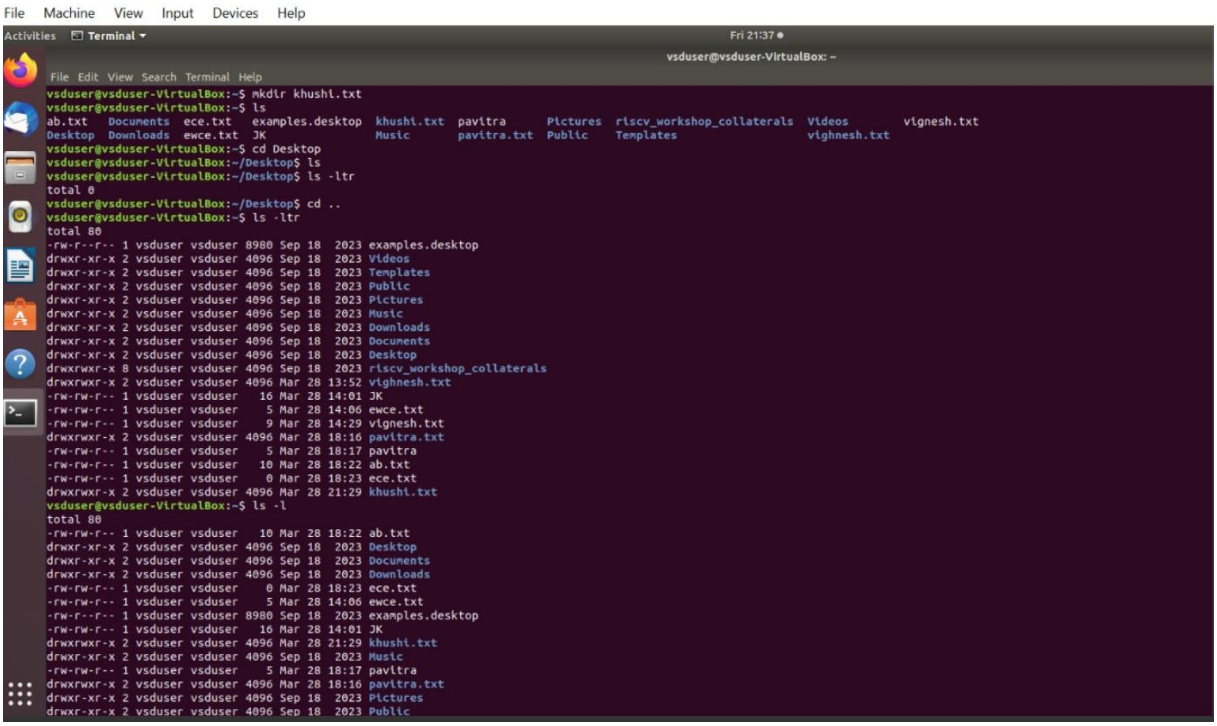
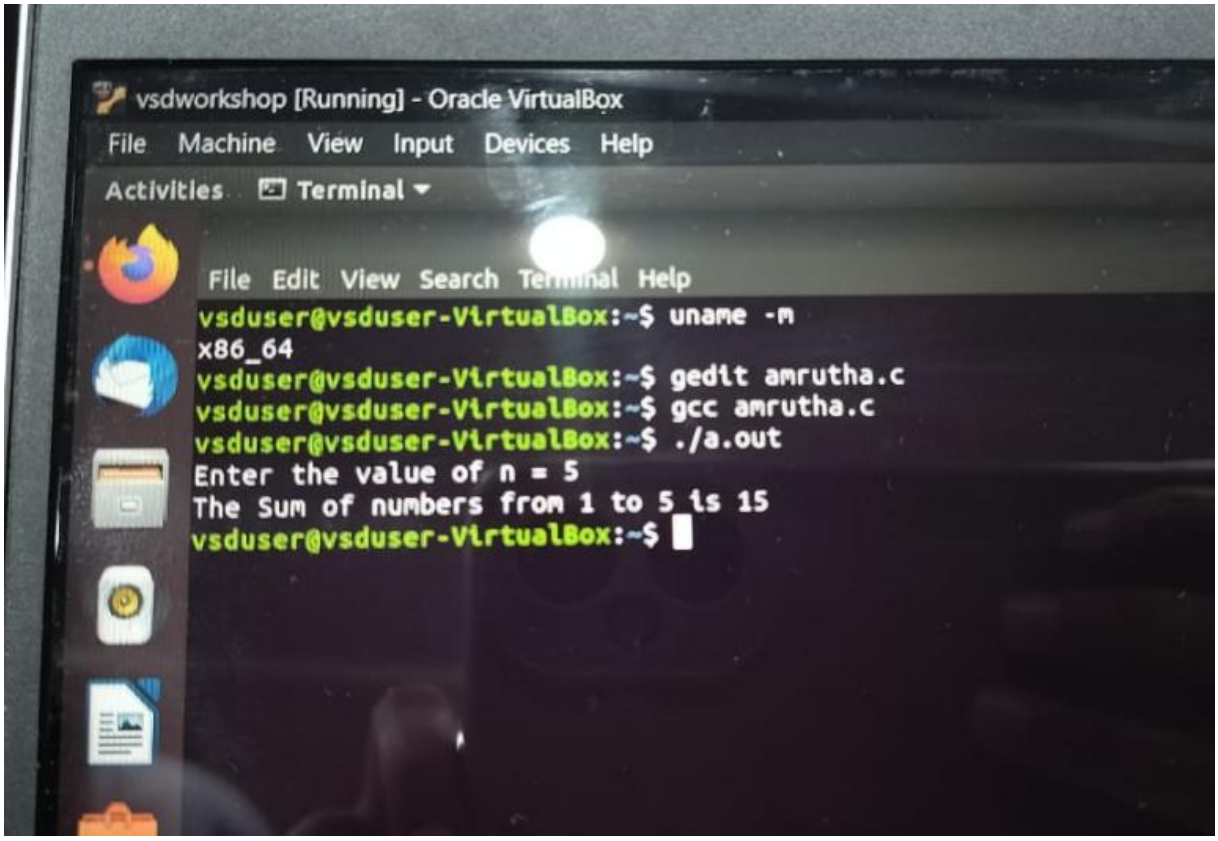
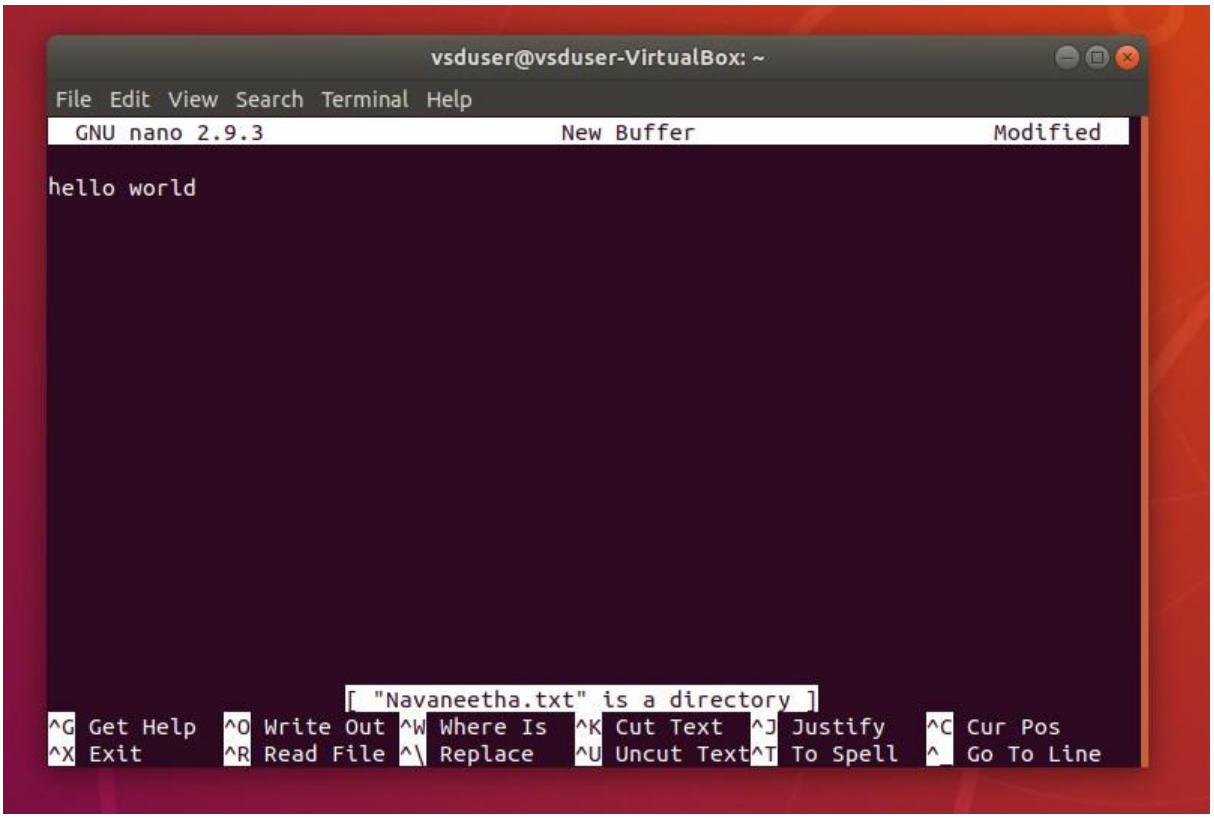
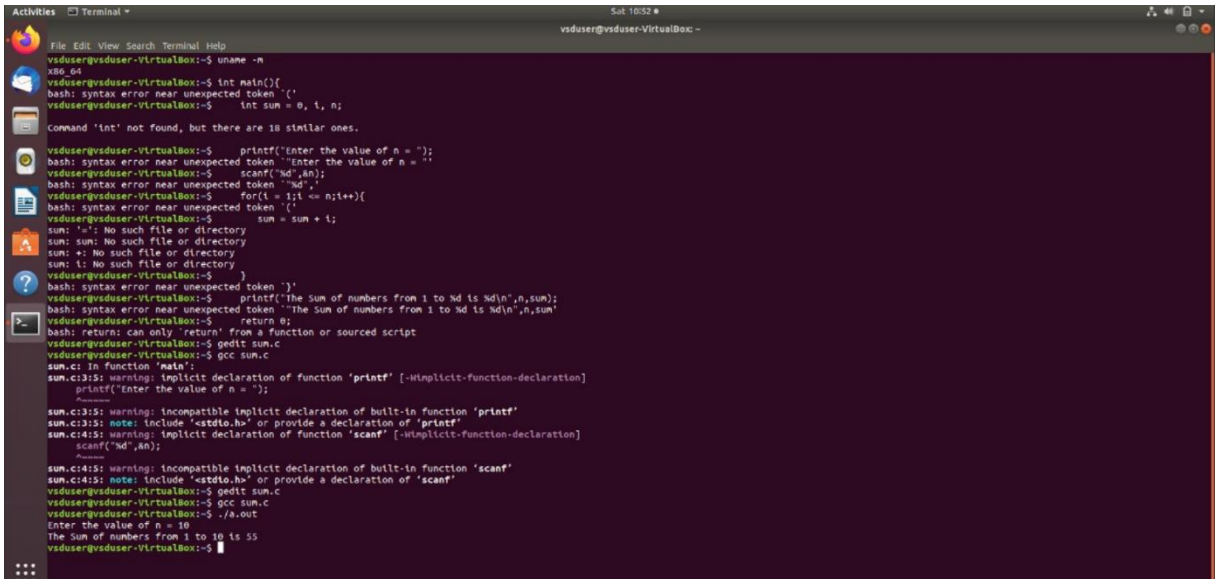

File Machine View Input Devices Help
Activities Terminal
Fri 21:37
vsduser@vsduser-VirtualBox: ~
File Edit View Search Terminal Help
vsduser@vsduser-VirtualBox:~$ mkdir khushi.txt
vsduser@vsduser-VirtualBox:~$ ls
ab.txt Documents ece.txt examples.desktop khushi.txt pavitra Pictures riscv_workshop_collaterals Videos vignesh.txt
Desktop Downloads ewce.txt JK Music pavitra.txt Public Templates vighnesh.txt
vsduser@vsduser-VirtualBox:~$ cd Desktop
vsduser@vsduser-VirtualBox:~/Desktop$ ls
vsduser@vsduser-VirtualBox:~/Desktop$ ls -ltr
total 0
vsduser@vsduser-VirtualBox:~/Desktop$ cd ..
vsduser@vsduser-VirtualBox:~$ ls -ltr
total 80
-rw-r--r-- 1 vsduser vsduser 8980 Sep 18 2023 examples.desktop
drwxr-xr-x 2 vsduser vsduser 4096 Sep 18 2023 Videos
drwxr-xr-x 2 vsduser vsduser 4096 Sep 18 2023 Templates
drwxr-xr-x 2 vsduser vsduser 4096 Sep 18 2023 Public
drwxr-xr-x 2 vsduser vsduser 4096 Sep 18 2023 Pictures
drwxr-xr-x 2 vsduser vsduser 4096 Sep 18 2023 Music
drwxr-xr-x 2 vsduser vsduser 4096 Sep 18 2023 Downloads
drwxr-xr-x 2 vsduser vsduser 4096 Sep 18 2023 Documents
drwxr-xr-x 2 vsduser vsduser 4096 Sep 18 2023 Desktop
drwxrwxr-x 8 vsduser vsduser 4096 Sep 18 2023 riscv_workshop_collaterals
drwxrwxr-x 2 vsduser vsduser 4096 Mar 28 13:52 vighnesh.txt
-rw-rw-r-- 1 vsduser vsduser 16 Mar 28 14:01 JK
-rw-rw-r-- 1 vsduser vsduser 5 Mar 28 14:06 ewce.txt
-rw-rw-r-- 1 vsduser vsduser 9 Mar 28 14:29 vignesh.txt
drwxrwxr-x 2 vsduser vsduser 4096 Mar 28 18:16 pavitra.txt
-rw-rw-r-- 1 vsduser vsduser 5 Mar 28 18:17 pavitra
-rw-rw-r-- 1 vsduser vsduser 10 Mar 28 18:22 ab.txt
-rw-rw-r-- 1 vsduser vsduser 0 Mar 28 18:23 ece.txt
drwxrwxr-x 2 vsduser vsduser 4096 Mar 28 21:29 khushi.txt
vsduser@vsduser-VirtualBox:~$ ls -l
total 80
-rw-rw-r-- 1 vsduser vsduser 10 Mar 28 18:22 ab.txt
drwxr-xr-x 2 vsduser vsduser 4096 Sep 18 2023 Desktop
drwxr-xr-x 2 vsduser vsduser 4096 Sep 18 2023 Documents
drwxr-xr-x 2 vsduser vsduser 4096 Sep 18 2023 Downloads
-rw-rw-r-- 1 vsduser vsduser 0 Mar 28 18:23 ece.txt
-rw-rw-r-- 1 vsduser vsduser 5 Mar 28 14:06 ewce.txt
-rw-r--r-- 1 vsduser vsduser 8980 Sep 18 2023 examples.desktop
-rw-rw-r-- 1 vsduser vsduser 16 Mar 28 14:01 JK
drwxrwxr-x 2 vsduser vsduser 4096 Mar 28 21:29 khushi.txt
drwxr-xr-x 2 vsduser vsduser 4096 Sep 18 2023 Music
-rw-rw-r-- 1 vsduser vsduser 5 Mar 28 18:17 pavitra
drwxrwxr-x 2 vsduser vsduser 4096 Mar 28 18:16 pavitra.txt
drwxr-xr-x 2 vsduser vsduser 4096 Sep 18 2023 Pictures
drwxr-xr-x 2 vsduser vsduser 4096 Sep 18 2023 Public

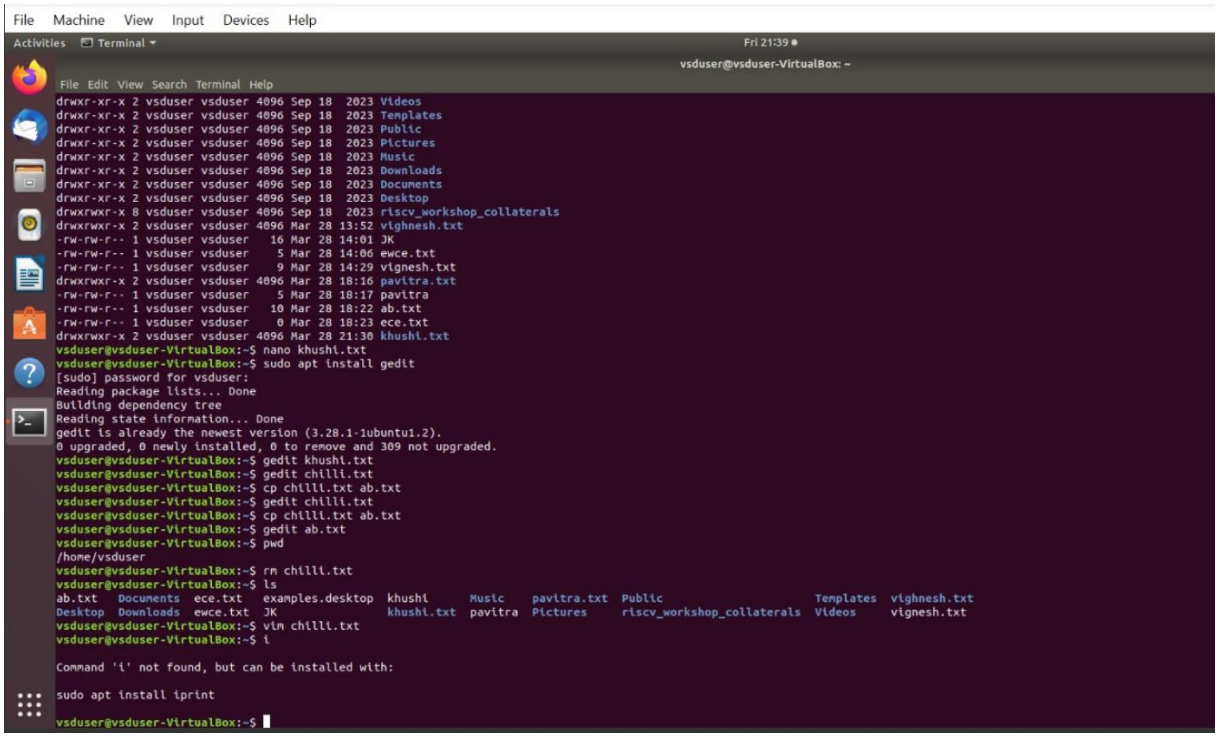

vsdworkshop [Running] - Oracle VirtualBox
File Machine View Input Devices Help
Activities Terminal
File Edit View Search Terminal Help
vsduser@vsduser-VirtualBox:~$ uname -m
x86_64
vsduser@vsduser-VirtualBox:~$ gedit amrutha.c
vsduser@vsduser-VirtualBox:~$ gcc amrutha.c
vsduser@vsduser-VirtualBox:~$ ./a.out
Enter the value of n = 5
The Sum of numbers from 1 to 5 is 15
vsduser@vsduser-VirtualBox:~$

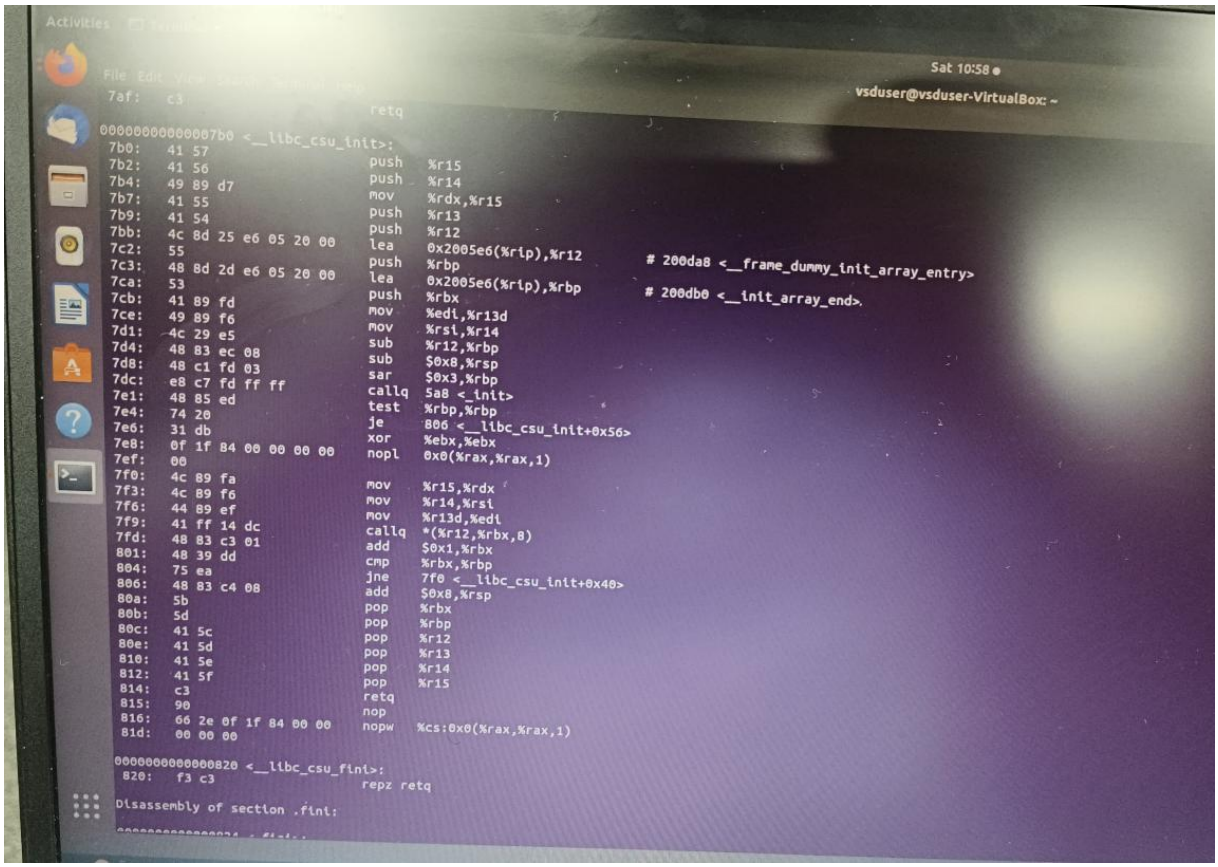

vsduser@vsduser-VirtualBox: ~
File Edit View Search Terminal Help
GNU nano 2.9.3 New Buffer Modified
hello world
["Navaneetha.txt" is a directory]
^G Get Help ^O Write Out ^W Where Is ^K Cut Text ^J Justify ^C Cur Pos
^X Exit ^R Read File ^\ Replace ^U Uncut Text ^T To Spell ^_ Go To Line

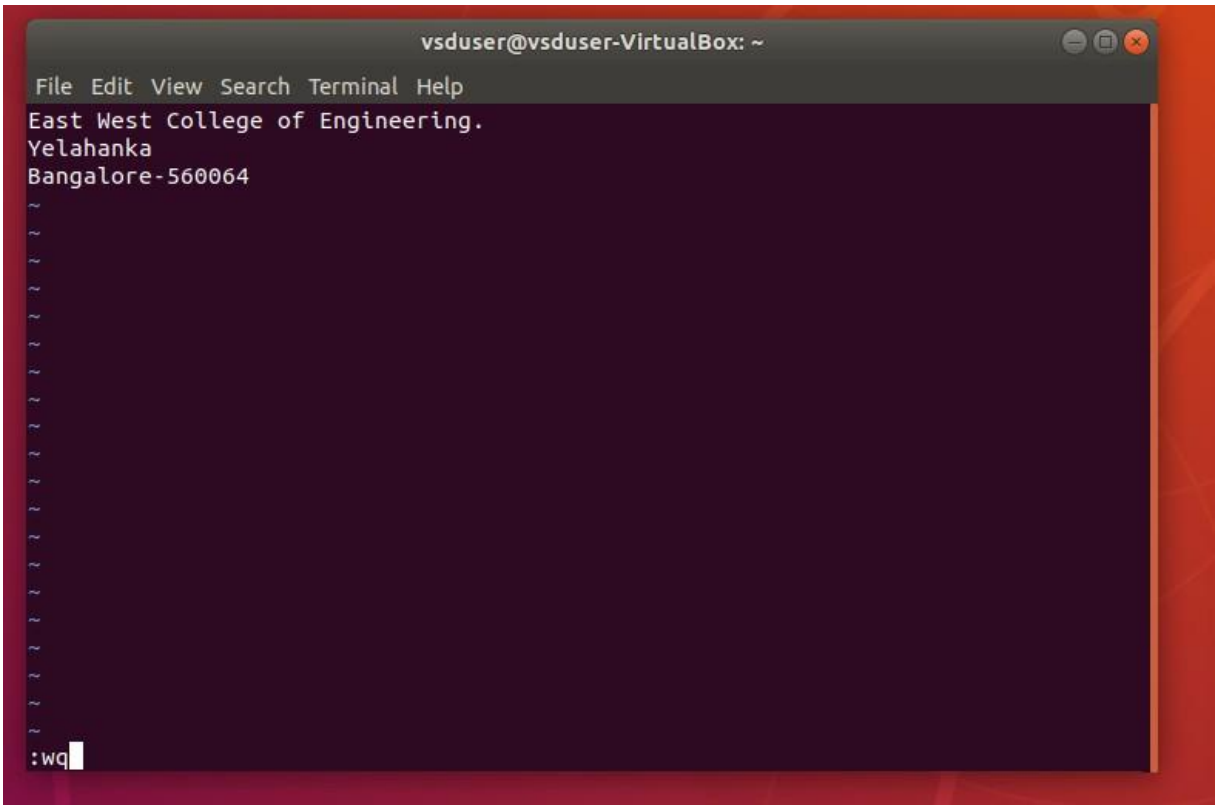

Activities
Terminal
Sat 10:52
vsduser@vsduser-VirtualBox: ~
File Edit View Search Terminal Help
vsduser@vsduser-VirtualBox:~$ uname -m
x86_64
vsduser@vsduser-VirtualBox:~$ int main(){
bash: syntax error near unexpected token `('
vsduser@vsduser-VirtualBox:~$ int sum = 0, i, n;
Command 'int' not found, but there are 18 similar ones.
vsduser@vsduser-VirtualBox:~$ printf("Enter the value of n = ");
bash: syntax error near unexpected token `"Enter the value of n = "'
vsduser@vsduser-VirtualBox:~$ scanf("%d",&n);
bash: syntax error near unexpected token `"%d",&n'
vsduser@vsduser-VirtualBox:~$ for(i = 1;i <= n;i++){
bash: syntax error near unexpected token `('
vsduser@vsduser-VirtualBox:~$ sum = sum + i;
sum: '+': No such file or directory
sum: sum: No such file or directory
sum: +: No such file or directory
sum: i: No such file or directory
vsduser@vsduser-VirtualBox:~$ }
bash: syntax error near unexpected token `}'
vsduser@vsduser-VirtualBox:~$ printf("The Sum of numbers from 1 to %d is %d\n",n,sum);
bash: syntax error near unexpected token `"The Sum of numbers from 1 to %d is %d\n",n,sum'
vsduser@vsduser-VirtualBox:~$ return 0;
bash: return: can only `return' from a function or sourced script
vsduser@vsduser-VirtualBox:~$ gedit sum.c
vsduser@vsduser-VirtualBox:~$ gcc sum.c
sum.c: In function 'main':
sum.c:3:5: warning: implicit declaration of function 'printf' [-Wimplicit-function-declaration]
printf("Enter the value of n = ");
^~~~~~
sum.c:3:5: warning: incompatible implicit declaration of built-in function 'printf'
sum.c:3:5: note: include '<stdio.h>' or provide a declaration of 'printf'
sum.c:4:5: warning: implicit declaration of function 'scanf' [-Wimplicit-function-declaration]
scanf("%d",&n);
^~~~~
sum.c:4:5: warning: incompatible implicit declaration of built-in function 'scanf'
sum.c:4:5: note: include '<stdio.h>' or provide a declaration of 'scanf'
vsduser@vsduser-VirtualBox:~$ gedit sum.c
vsduser@vsduser-VirtualBox:~$ gcc sum.c
vsduser@vsduser-VirtualBox:~$ ./a.out
Enter the value of n = 10
The Sum of numbers from 1 to 10 is 55
vsduser@vsduser-VirtualBox:~$

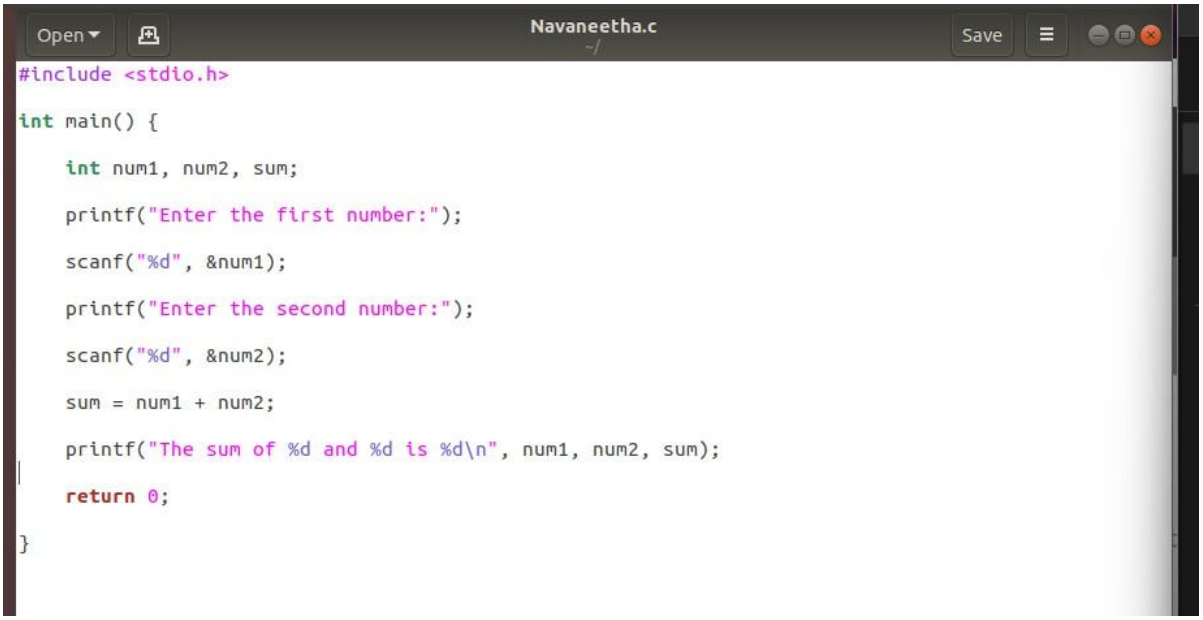
Open
Navaneetha1.txt
~/
Save
East West College of Engineering.
Yelahanka
Bangalore-560064

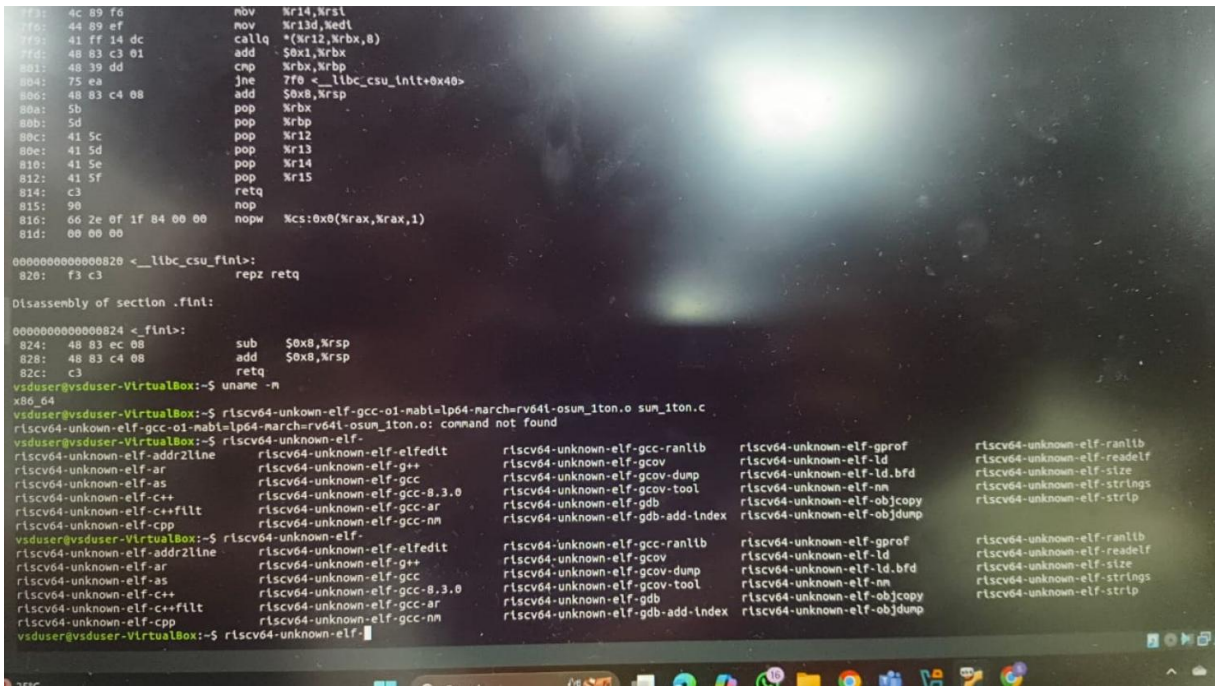
Open
Navaneetha2.txt
~/
Save
East West College of Engineering.
Yelahanka
Bangalore-560064


File Machine View Input Devices Help
Activities
Terminal
Fri 21:39
vsduser@vsduser-VirtualBox: ~
File Edit View Search Terminal Help
drwxr-xr-x 2 vsduser vsduser 4096 Sep 18 2023 Videos
drwxr-xr-x 2 vsduser vsduser 4096 Sep 18 2023 Templates
drwxr-xr-x 2 vsduser vsduser 4096 Sep 18 2023 Public
drwxr-xr-x 2 vsduser vsduser 4096 Sep 18 2023 Pictures
drwxr-xr-x 2 vsduser vsduser 4096 Sep 18 2023 Music
drwxr-xr-x 2 vsduser vsduser 4096 Sep 18 2023 Downloads
drwxr-xr-x 2 vsduser vsduser 4096 Sep 18 2023 Documents
drwxr-xr-x 2 vsduser vsduser 4096 Sep 18 2023 Desktop
drwxrwxr-x 8 vsduser vsduser 4096 Sep 18 2023 riscv_workshop_collaterals
drwxrwxr-x 2 vsduser vsduser 4096 Mar 28 13:52 vighnesh.txt
-rw-rw-r-- 1 vsduser vsduser 16 Mar 28 14:01 JK
-rw-rw-r-- 1 vsduser vsduser 5 Mar 28 14:06 ewce.txt
-rw-rw-r-- 1 vsduser vsduser 9 Mar 28 14:29 vignesh.txt
drwxrwxr-x 2 vsduser vsduser 4096 Mar 28 18:16 pavitra.txt
-rw-rw-r-- 1 vsduser vsduser 5 Mar 28 18:17 pavitra
-rw-rw-r-- 1 vsduser vsduser 10 Mar 28 18:22 ab.txt
-rw-rw-r-- 1 vsduser vsduser 0 Mar 28 18:23 ece.txt
drwxrwxr-x 2 vsduser vsduser 4096 Mar 28 21:30 khushi.txt
vsduser@vsduser-VirtualBox:~$ nano khushi.txt
vsduser@vsduser-VirtualBox:~$ sudo apt install gedit
[sudo] password for vsduser:
Reading package lists... Done
Building dependency tree
Reading state information... Done
gedit is already the newest version (3.28.1-1ubuntu1.2).
0 upgraded, 0 newly installed, 0 to remove and 309 not upgraded.
vsduser@vsduser-VirtualBox:~$ gedit khushi.txt
vsduser@vsduser-VirtualBox:~$ gedit chilli.txt
vsduser@vsduser-VirtualBox:~$ cp chilli.txt ab.txt
vsduser@vsduser-VirtualBox:~$ gedit chilli.txt
vsduser@vsduser-VirtualBox:~$ cp chilli.txt ab.txt
vsduser@vsduser-VirtualBox:~$ gedit ab.txt
vsduser@vsduser-VirtualBox:~$ pwd
/home/vsduser
vsduser@vsduser-VirtualBox:~$ rm chilli.txt
vsduser@vsduser-VirtualBox:~$ ls
ab.txt Documents ece.txt examples.desktop khushi Music pavitra.txt Public Templates vighnesh.txt
Desktop Downloads ewce.txt JK khushi.txt pavitra Pictures riscv_workshop_collaterals Videos vignesh.txt
vsduser@vsduser-VirtualBox:~$ vim chilli.txt
vsduser@vsduser-VirtualBox:~$ i
Command 'i' not found, but can be installed with:
sudo apt install iprint
vsduser@vsduser-VirtualBox:~$


Activities
Sat 10:58
vsduser@vsduser-VirtualBox: ~
7af: c3 retq
00000000000007b0 <__libc_csu_init>:
7b0: 41 57 push %r15
7b2: 41 56 push %r14
7b4: 49 89 d7 mov %rdx,%r15
7b7: 41 55 push %r13
7b9: 41 54 push %r12
7bb: 4c 8d 25 e6 05 20 00 lea 0x2005e6(%rip),%r12 # 200da8 <__frame_dummy_init_array_entry>
7c2: 55 push %rbp
7c3: 48 8d 2d e6 05 20 00 lea 0x2005e6(%rip),%rbp # 200db0 <__init_array_end>
7ca: 53 push %rbx
7cb: 41 89 fd mov %edi,%r13d
7ce: 49 89 f6 mov %rsi,%r14
7d1: 4c 29 e5 sub %r12,%rbp
7d4: 48 83 ec 08 sub $0x8,%rsp
7d8: 48 c1 fd 03 sar $0x3,%rbp
7dc: e8 c7 fd ff ff callq 5a8 <_init>
7e1: 48 85 ed test %rbp,%rbp
7e4: 74 20 je 806 <__libc_csu_init+0x56>
7e6: 31 db xor %ebx,%ebx
7e8: 0f 1f 84 00 00 00 00 nopl 0x0(%rax,%rax,1)
7ef: 00
7f0: 4c 89 fa mov %r15,%rdx
7f3: 4c 89 f6 mov %r14,%rsi
7f6: 44 89 ef mov %r13d,%edi
7f9: 41 ff 14 dc callq *(%r12,%rbx,8)
7fd: 48 83 c3 01 add $0x1,%rbx
801: 48 39 dd cmp %rbx,%rbp
804: 75 ea jne 7f0 <__libc_csu_init+0x40>
806: 48 83 c4 08 add $0x8,%rsp
80a: 5b pop %rbx
80b: 5d pop %rbp
80c: 41 5c pop %r12
80e: 41 5d pop %r13
810: 41 5e pop %r14
812: 41 5f pop %r15
814: c3 retq
815: 90 nop
816: 66 2e 0f 1f 84 00 00 nopw %cs:0x0(%rax,%rax,1)
81d: 00 00 00
0000000000000820 <__libc_csu_fini>:
820: f3 c3 repz retq
Disassembly of section .fini:

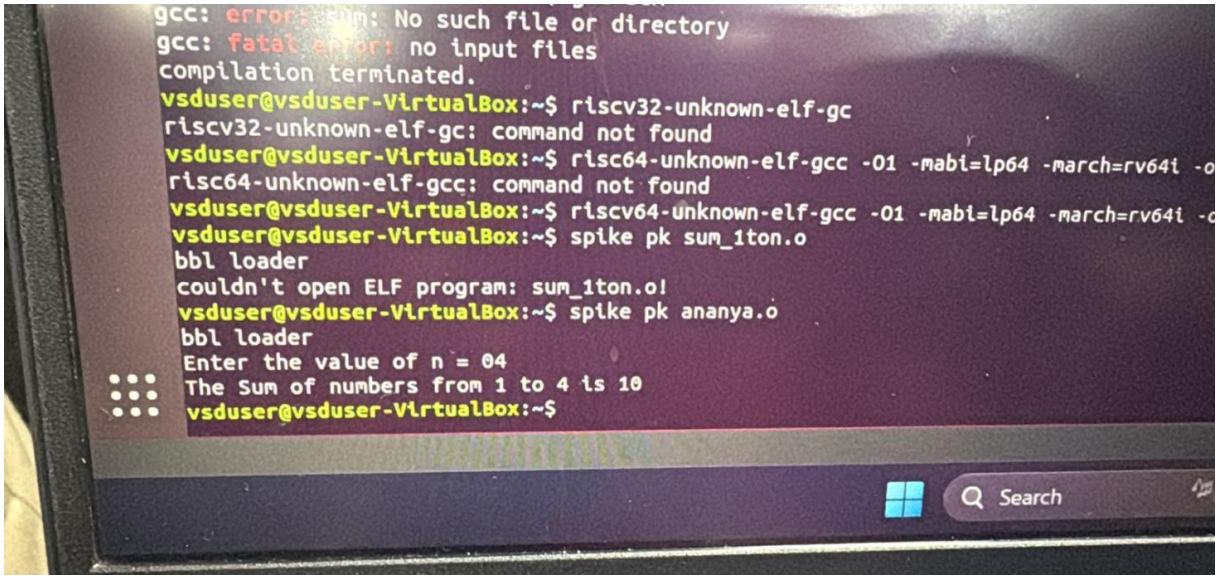

vsduser@vsduser-VirtualBox: ~
File Edit View Search Terminal Help
East West College of Engineering.
Yelahanka
Bangalore-560064
:wq

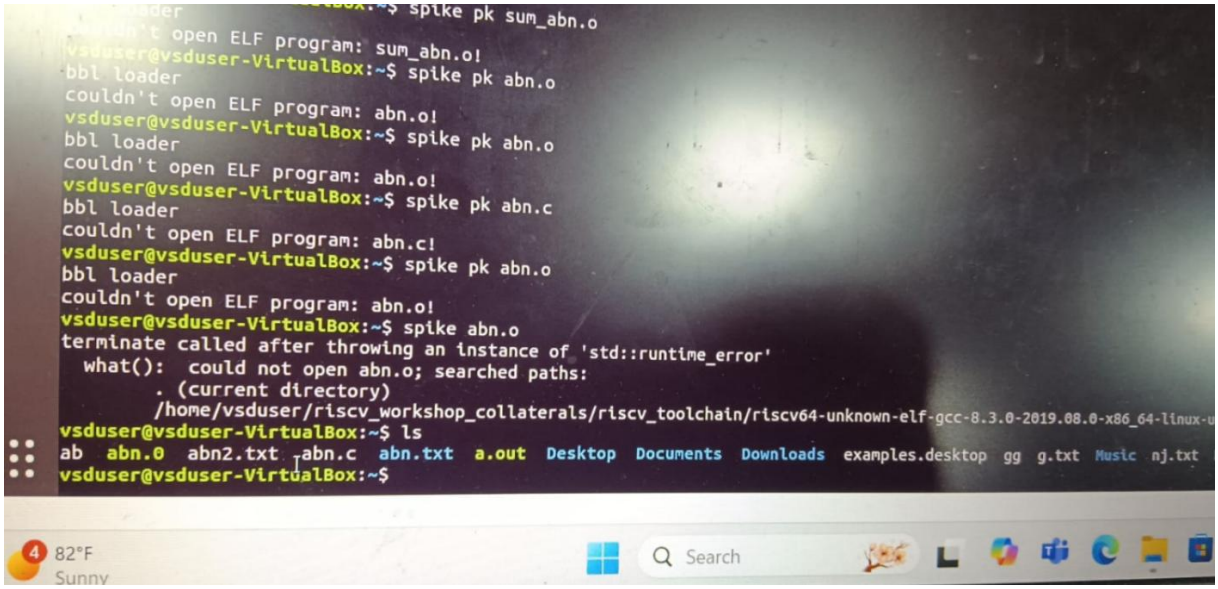

Open
Navaneetha.c
Save
#include <stdio.h>
int main() {
int num1, num2, sum;
printf("Enter the first number:");
scanf("%d", &num1);
printf("Enter the second number:");
scanf("%d", &num2);
sum = num1 + num2;
printf("The sum of %d and %d is %d\n", num1, num2, sum);
return 0;
}

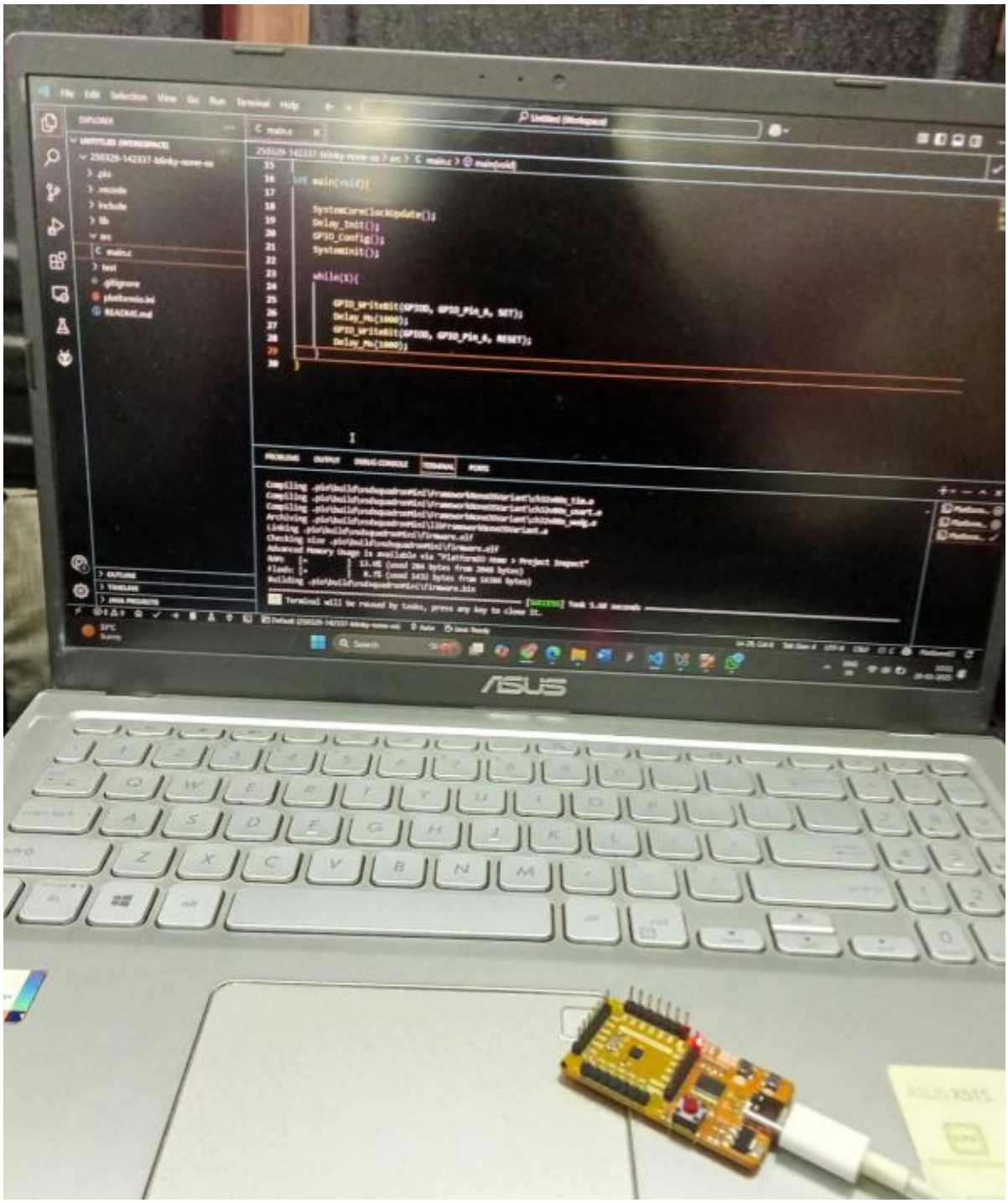

7f3: 4c 89 f6 mov %r14,%rsi
7f6: 44 89 ef mov %r13d,%edi
7f9: 41 ff 14 dc callq *(%r12,%rbx,8)
7fd: 48 83 c3 01 add $0x1,%rbx
801: 48 39 dd cmp %rbx,%rbp
804: 75 ea jne 7f0 <__libc_csu_init+0x40>
806: 48 83 c4 08 add $0x8,%rsp
80a: 5b pop %rbx
80b: 5d pop %rbp
80c: 41 5c pop %r12
80e: 41 5d pop %r13
810: 41 5e pop %r14
812: 41 5f pop %r15
814: c3 retq
815: 90 nop
816: 66 2e 0f 1f 84 00 00 nopw %cs:0x0(%rax,%rax,1)
81d: 00 00 00
0000000000000820 <__libc_csu_fini>:
820: f3 c3 repz retq
Disassembly of section .fini:
0000000000000824 <_fini>:
824: 48 83 ec 08 sub $0x8,%rsp
828: 48 83 c4 08 add $0x8,%rsp
82c: c3 retq
vsduser@vsduser-VirtualBox:~$ uname -m
x86_64
vsduser@vsduser-VirtualBox:~$ riscv64-unkown-elf-gcc-o1-mabi=lp64-march=rv64i-osum_1ton.o sum_1ton.c
riscv64-unkown-elf-gcc-o1-mabi=lp64-march=rv64i-osum_1ton.o: command not found
vsduser@vsduser-VirtualBox:~$ riscv64-unknown-elf-
riscv64-unknown-elf-addr2line riscv64-unknown-elf-elfedit riscv64-unknown-elf-gcc-ranlib riscv64-unknown-elf-gprof riscv64-unknown-elf-ranlib
riscv64-unknown-elf-ar riscv64-unknown-elf-g++ riscv64-unknown-elf-gcov riscv64-unknown-elf-ld riscv64-unknown-elf-readelf
riscv64-unknown-elf-as riscv64-unknown-elf-gcc riscv64-unknown-elf-gcov-dump riscv64-unknown-elf-ld.bfd riscv64-unknown-elf-size
riscv64-unknown-elf-c++ riscv64-unknown-elf-gcc-8.3.0 riscv64-unknown-elf-gcov-tool riscv64-unknown-elf-nm riscv64-unknown-elf-strings
riscv64-unknown-elf-c++filt riscv64-unknown-elf-gcc-ar riscv64-unknown-elf-gdb riscv64-unknown-elf-objcopy riscv64-unknown-elf-strip
riscv64-unknown-elf-cpp riscv64-unknown-elf-gcc-nm riscv64-unknown-elf-gdb-add-index riscv64-unknown-elf-objdump
vsduser@vsduser-VirtualBox:~$ riscv64-unknown-elf-
riscv64-unknown-elf-addr2line riscv64-unknown-elf-elfedit riscv64-unknown-elf-gcc-ranlib riscv64-unknown-elf-gprof riscv64-unknown-elf-ranlib
riscv64-unknown-elf-ar riscv64-unknown-elf-g++ riscv64-unknown-elf-gcov riscv64-unknown-elf-ld riscv64-unknown-elf-readelf
riscv64-unknown-elf-as riscv64-unknown-elf-gcc riscv64-unknown-elf-gcov-dump riscv64-unknown-elf-ld.bfd riscv64-unknown-elf-size
riscv64-unknown-elf-c++ riscv64-unknown-elf-gcc-8.3.0 riscv64-unknown-elf-gcov-tool riscv64-unknown-elf-nm riscv64-unknown-elf-strings
riscv64-unknown-elf-c++filt riscv64-unknown-elf-gcc-ar riscv64-unknown-elf-gdb riscv64-unknown-elf-objcopy riscv64-unknown-elf-strip
riscv64-unknown-elf-cpp riscv64-unknown-elf-gcc-nm riscv64-unknown-elf-gdb-add-index riscv64-unknown-elf-objdump
vsduser@vsduser-VirtualBox:~$ riscv64-unknown-elf-

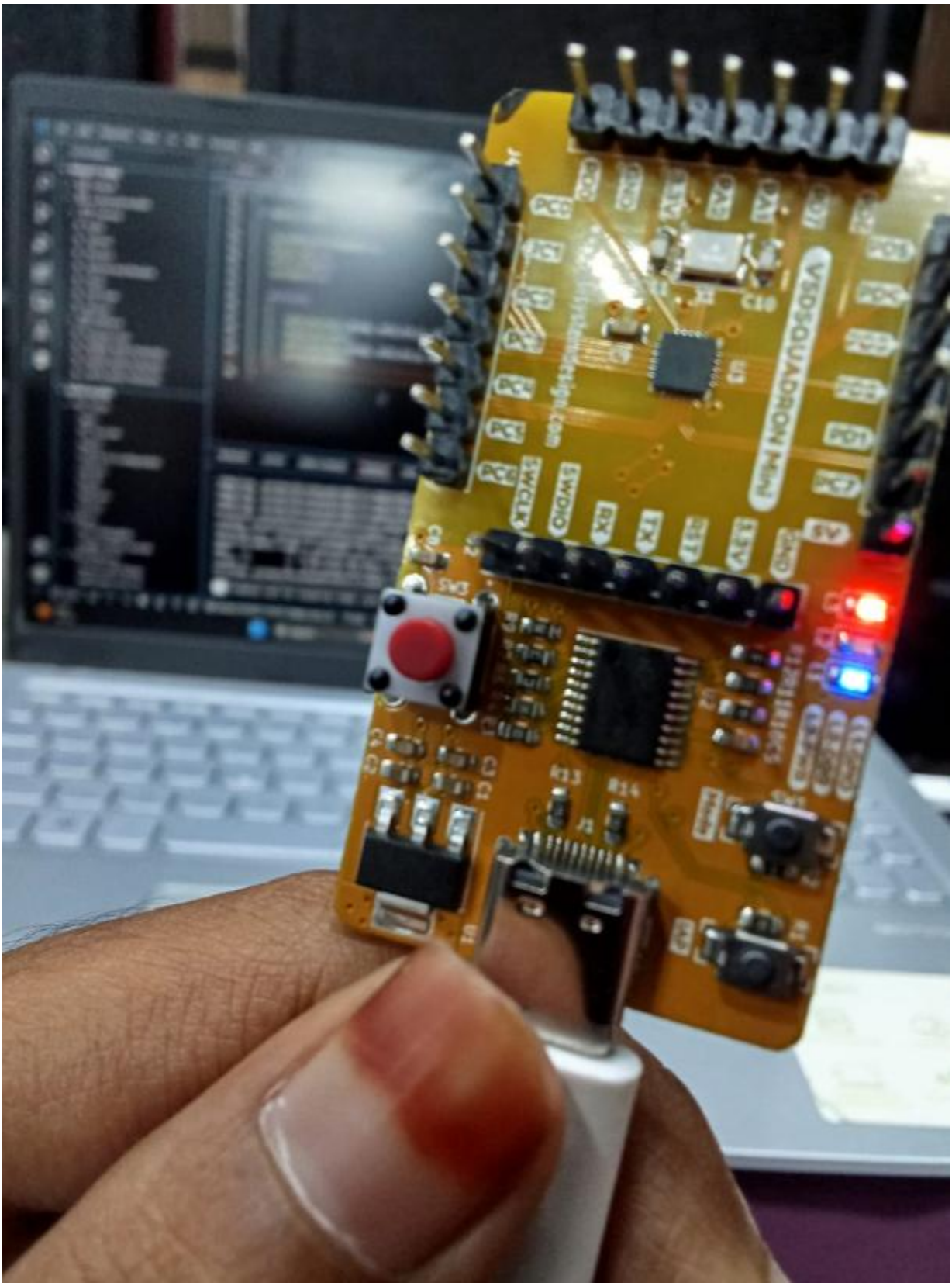
Open ▾ Navaneetha1.c Save

```c
#include <stdio.h>
int main() {

    printf("Hello World\n");

    return 0;
}
```






ASUS


VESQUADRON MINI