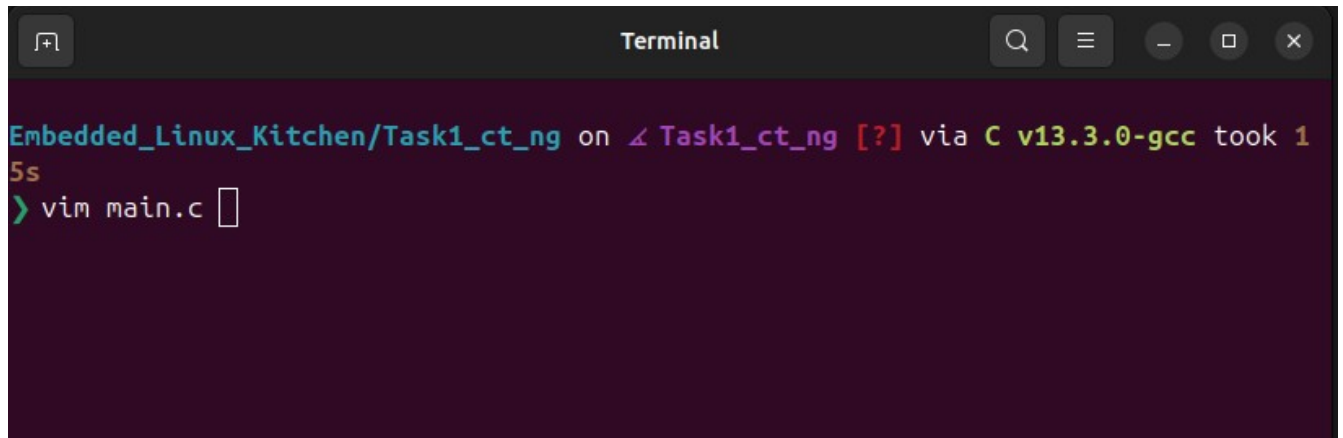
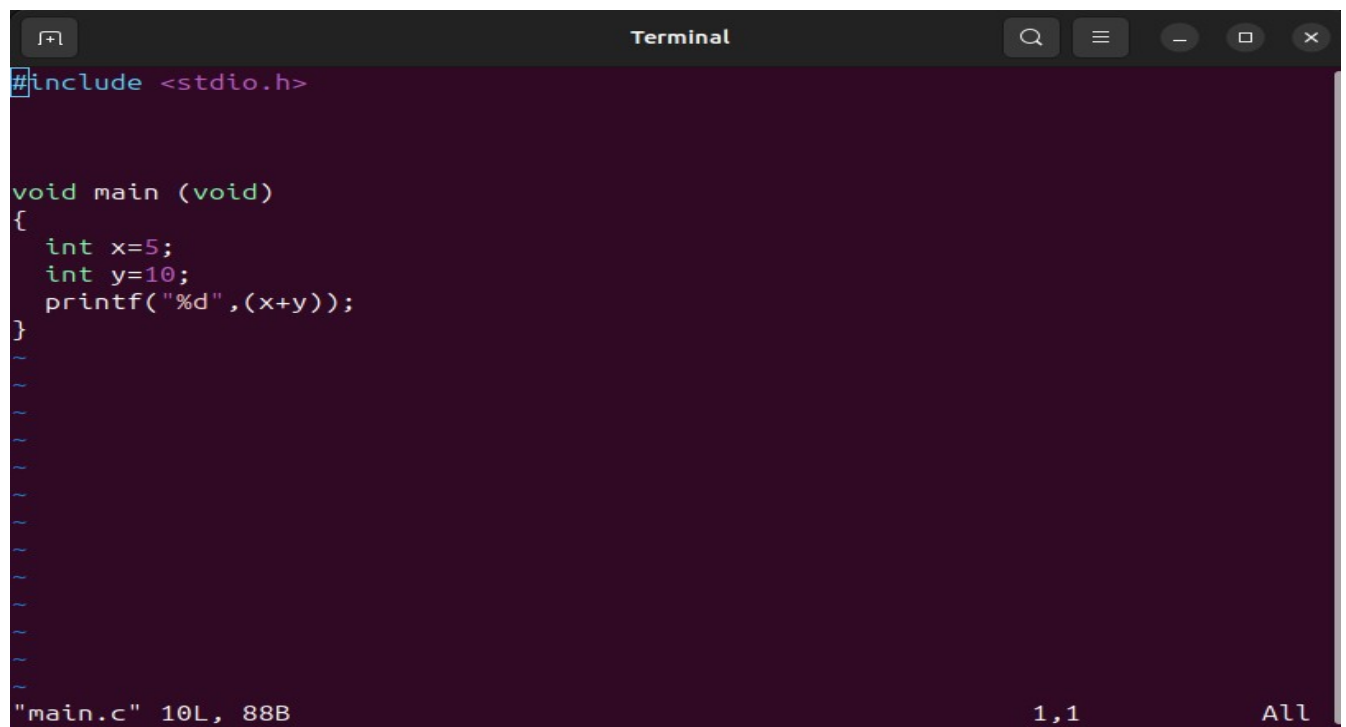


1- First we need to write C code using vim



```
Embedded_Linux_Kitchen/Task1_ct_ng on Task1_ct_ng [?] via C v13.3.0-gcc took 1
5s
> vim main.c
```

2- This C code implemented to print the sum of two variables

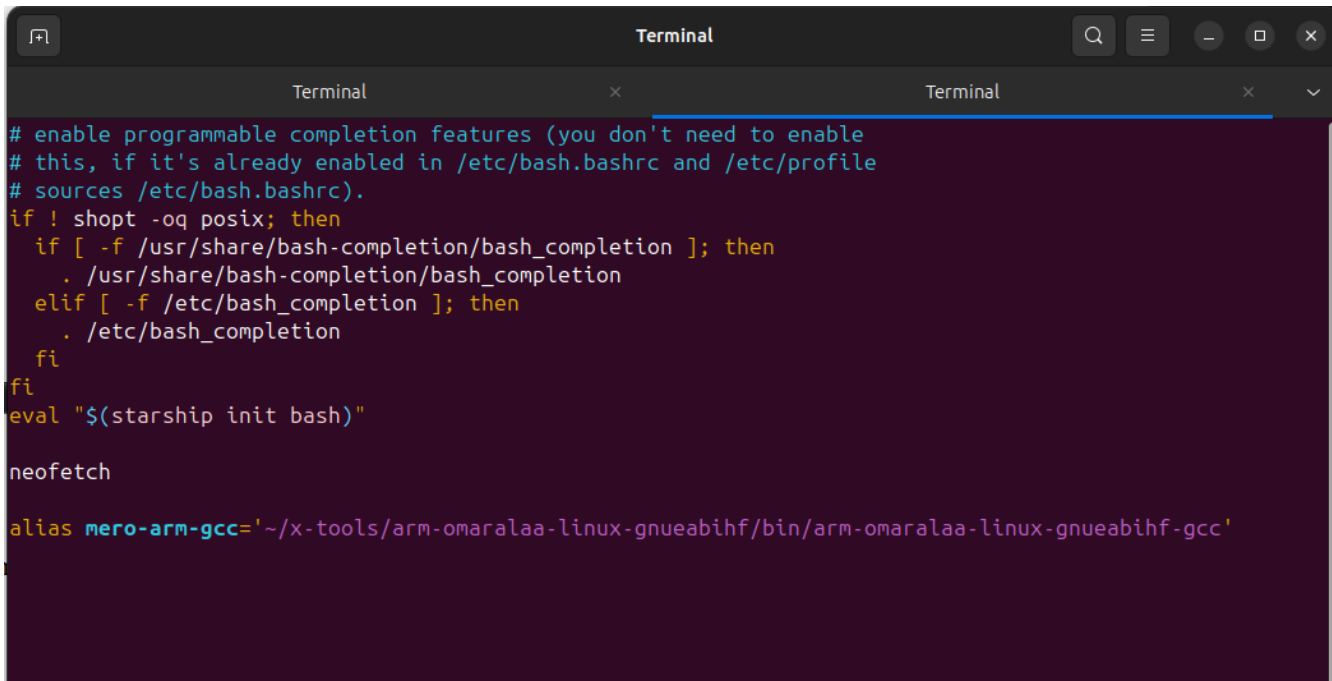


```
#include <stdio.h>

void main (void)
{
    int x=5;
    int y=10;
    printf("%d", (x+y));
}

"main.c" 10L, 88B 1,1 All
```

3- we need to make an alias and put it in .bashrc and this alias represent the path of the compiler that generated by CrossTool-ng

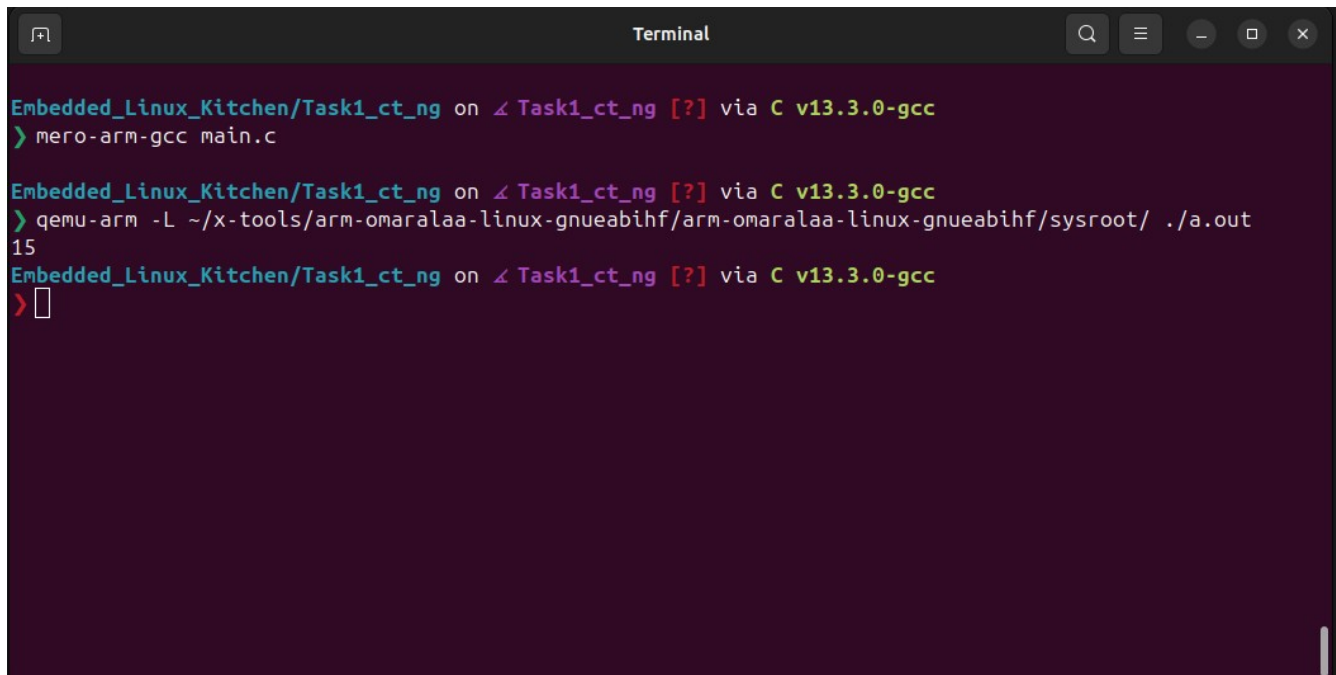


```
Terminal
# enable programmable completion features (you don't need to enable
# this, if it's already enabled in /etc/bash.bashrc and /etc/profile
# sources /etc/bash.bashrc).
if ! shopt -oq posix; then
  if [ -f /usr/share/bash-completion/bash_completion ]; then
    . /usr/share/bash-completion/bash_completion
  elif [ -f /etc/bash_completion ]; then
    . /etc/bash_completion
  fi
fi
eval "$(starship init bash)"

neofetch

alias mero-arm-gcc='~/x-tools/arm-omaralaa-linux-gnueabi/f/bin/arm-omaralaa-linux-gnueabi-gcc'
```

4- use this alias to compile main.c and use the qemu-arm to read the output by redirect the path of the library to sysroot to read the lib directory



```
Terminal

Embedded_Linux_Kitchen/Task1_ct_ng on Task1_ct_ng [?] via C v13.3.0-gcc
> mero-arm-gcc main.c

Embedded_Linux_Kitchen/Task1_ct_ng on Task1_ct_ng [?] via C v13.3.0-gcc
> qemu-arm -L ~/x-tools/arm-omaralaa-linux-gnueabi/f/arm-omaralaa-linux-gnueabi/sysroot/ ./a.out
15
Embedded_Linux_Kitchen/Task1_ct_ng on Task1_ct_ng [?] via C v13.3.0-gcc
> 
```