1. 教科書 P150 を参考にして AWS Ubuntu 上に Debian コンテナを構築してください。
Debian コンテナを構築後、C 言語コンパイラ(gcc)とエディタ vim をインストールして、C 言語のソースプログラムを作成(hello.c)してコンパイル実行してください。

ピアコンテナの構築過程画面、gcc と vim のインストール過程、C 言語のコンパイル実行過程をキャプチャして画像を貼り付けて提出してください。

```
ubuntu@ip-172-31-3-122:~/docker/debian$ docker compose exec debian /bin/bash
root@1907ce146692:/#
root@1907ce146692:/#
root@1907ce146692:/#
root@1907ce146692:/# apt update
Get:1 <u>http://deb.debian.org/debian</u> bullseye InRelease [116 kB]
Get:2 http://deb.debian.org/debian bullseye-updates InRelease [44.1 kB]
Get:3 http://security.debian.org/debian-security bullseye-security InRelease [48.4 kB]
Get:4 <u>http://deb.debian.org/debian</u> bullseye/main amd64 Packages [8183 kB]
Get:5 http://deb.debian.org/debian bullseye-updates/main amd64 Packages [14.6 kB]
Get:6 http://security.debian.org/debian-security bullseye-security/main amd64 Packages [236 kB]
Fetched 8642 kB in 2s (5184 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
20 packages can be upgraded. Run 'apt list --upgradable' to see them.
root@1907ce146692:/#
root@1907ce146692:/# apt-get install vim
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
 libgpm2 vim-common vim-runtime xxd
Suggested packages:
  gpm ctags vim-doc vim-scripts
The following NEW packages will be installed:
 libgpm2 vim vim-common vim-runtime xxd
O upgraded, 5 newly installed, 0 to remove and 20 not upgraded.

Need to get 8174 kB of archives.

After this operation, 36.9 MB of additional disk space will be used.

Do you want to continue? [Y/n] y

Get:1 http://deb.debian.org/debian bullseye/main amd64 xxd amd64 2:8.2.2434-3+deb11u1 [192 kB]
Get:2 http://deb.debian.org/debian bullseye/main amd64 vim-common all 2:8.2.2434-3+deb11u1 [226 kB]
```

```
Processing triggers for libc-bin (2,31-13+deb]1u3) ...
root@1007cs146892:f4 pat-get install goc
Reading package lists. Done
Reading sackage lists. Done
Reading packages will be installed:
Dinutils binutils common binutils-x86-64-linux-gru cpc ope-10 fontconfig-config fonts-dejavu-core gcc-10 libasan6 libatomical libbinutils libbrotli1
libbs30 libc-dev-bin libc-dev-tools libcb libc-dev-bir libcb; libcb; libc-dev-bir libcb; libc-dev-bir libcb; libcb; libc-dev-bir libcb; libcb; libc-dev-bir libcb; libc-dev-bir libcb; libcb; libc-dev-bir libcb; libc-dev-bir libcb; libc-dev-bir libc-dev-bir libcb; libcb; libc-dev-bir libcb; libcb;
```

```
root@1907ce146692:/# mkdir clang
root@1907ce146692:/#
root@1907ce146692:/#
root@1907ce146692:/#
root@1907ce146692:/# cd clang
root@1907ce146692:/clang#
root@1907ce146692:/clang#
root@1907ce146692:/clang# vi hello.c
root@1907ce146692:/clang#
root@1907ce146692:/clang#
root@1907ce146692:/clang# gcc hello.c -o hello
root@1907ce146692:/clang#
root@1907ce146692:/clang#
root@1907ce146692:/clang# ./hello
Hello World!root@1907ce146692:/clang# vi hello.c
root@1907ce146692:/clang#
root@1907ce146692:/clang#
root@1907ce146692:/clang#
root@1907ce146692:/clang#
root@1907ce146692:/clang# gcc hello.c -o hello
root@1907ce146692:/clang#
root@1907ce146692:/clang#
root@1907ce146692:/clang# ./hello
Hello World!
root@1907ce146692:/clang#
```