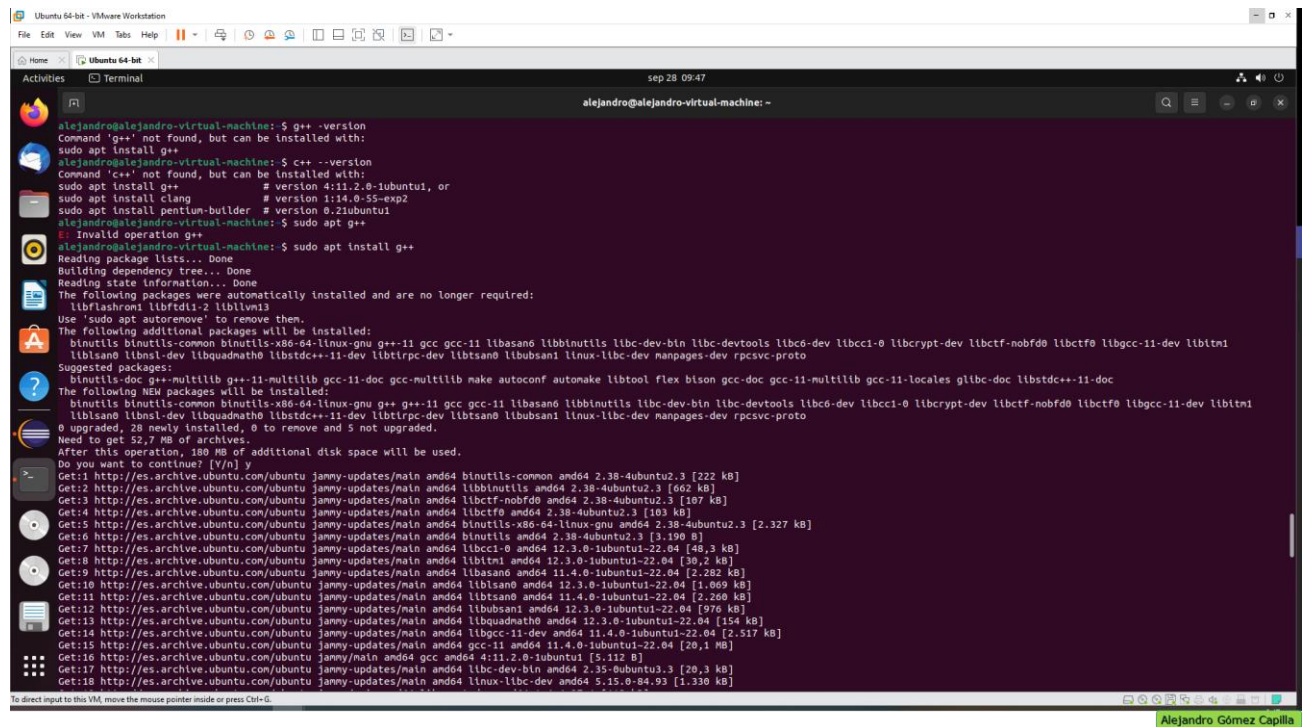
	M5				
	UF1:				
	NF1:				
Act:	Ubuntu				
Apellidos:	Gómez Capilla	Nombre:	Alejandro	Fecha:	03/10/2023

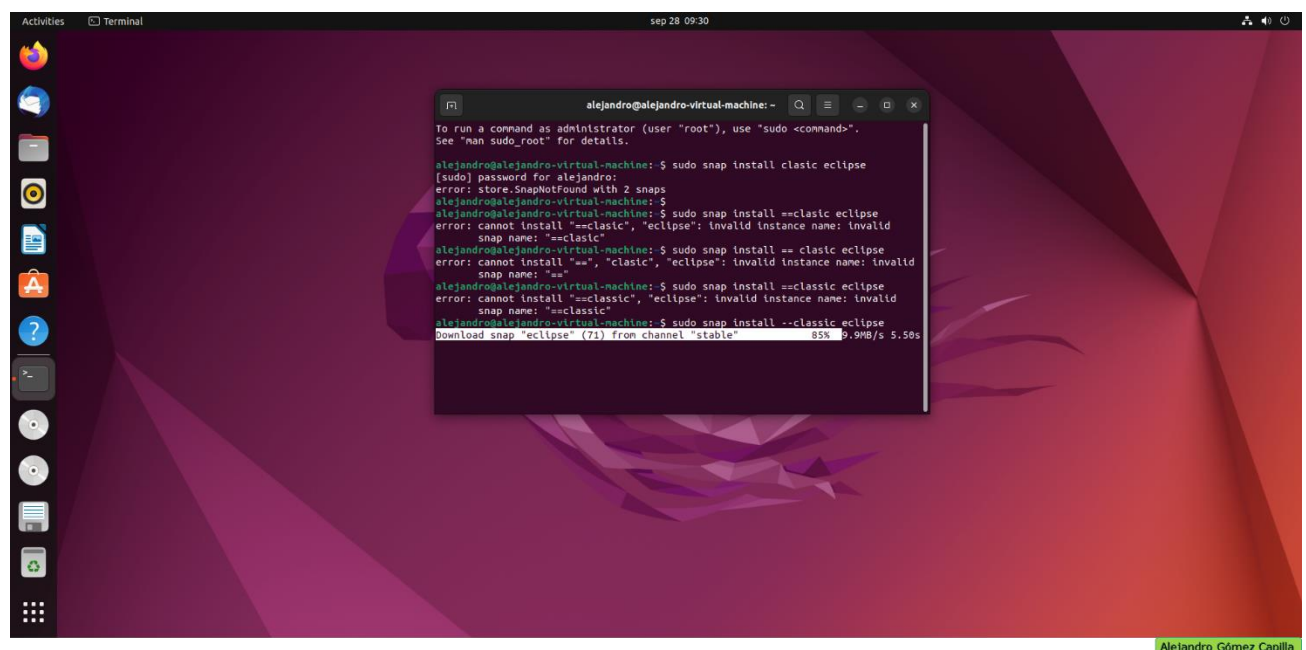
Desde la consola instalamos: JDK, Make, el compilador de Linux, el Classic Eclipse i el build essential.



```

alejandro@alejandro-virtual-machine: ~$ g++ --version
Command 'g++' not found, but can be installed with:
sudo apt install g++
alejandro@alejandro-virtual-machine: ~$ c++ --version
Command 'c++' not found, but can be installed with:
sudo apt install g++ # version 4:11.2.0-1ubuntu1, or
sudo apt install clang # version 1:14.0-55-exp2
alejandro@alejandro-virtual-machine: ~$ sudo apt install g++
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following packages were automatically installed and are no longer required:
libflashrom1 libftdi1-2 libllvmlib
Use 'sudo apt autoremove' to remove them.
The following additional packages will be installed:
binutils binutils-common binutils-x86-64-linux-gnu g++-11 gcc-11 libasan6 libbinutils libc-dev-bin libc-devtools libc6-dev libcc1-0 libcrypt-dev libctf-nobfd libctf libgcc-11-dev libitm1
liblsan0 libnsl-dev libquadmath0 libstdc++-11-dev libtirpc-dev libubsan0 libubsan1 linux-libc-dev manpages-dev rpcsvc-proto
Suggested packages:
binutils-doc g++-multilib g++-11-multilib gcc-11-doc gcc-multilib make autoconf automake libtool flex bison gcc-doc gcc-11-multilib gcc-11-locales glibc-doc libstdc++-11-doc
The following NEW packages will be installed:
binutils binutils-common binutils-x86-64-linux-gnu g++-11 gcc-11 libasan6 libbinutils libc-dev-bin libc-devtools libc6-dev libcc1-0 libcrypt-dev libctf-nobfd libctf libgcc-11-dev libitm1
0 upgraded, 20 newly installed, 0 to remove and 5 not upgraded.
Need to get 52,7 MB of archives.
After this operation, 180 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://es.archive.ubuntu.com/ubuntu jammy-updates/main amd64 binutils-common amd64 2.38-4ubuntu2.3 [222 kB]
Get:2 http://es.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libbinutils amd64 2.38-4ubuntu2.3 [462 kB]
Get:3 http://es.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libctf-nobfd amd64 2.38-4ubuntu2.3 [107 kB]
Get:4 http://es.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libctf amd64 2.38-4ubuntu2.3 [103 kB]
Get:5 http://es.archive.ubuntu.com/ubuntu jammy-updates/main amd64 binutils-x86-64-linux-gnu amd64 2.38-4ubuntu2.3 [2.327 kB]
Get:6 http://es.archive.ubuntu.com/ubuntu jammy-updates/main amd64 binutils amd64 2.38-4ubuntu2.3 [3.190 B]
Get:7 http://es.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libcc1-0 amd64 12.3.0-1ubuntu1-22.04 [48,3 kB]
Get:8 http://es.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libitm1 amd64 12.3.0-1ubuntu1-22.04 [30,2 kB]
Get:9 http://es.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libquadmath0 amd64 12.3.0-1ubuntu1-22.04 [154 kB]
Get:10 http://es.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libasan6 amd64 11.4.0-1ubuntu1-22.04 [2.262 kB]
Get:11 http://es.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libubsan1 amd64 12.3.0-1ubuntu1-22.04 [976 kB]
Get:12 http://es.archive.ubuntu.com/ubuntu jammy-updates/main amd64 liblsan0 amd64 12.3.0-1ubuntu1-22.04 [1.069 kB]
Get:13 http://es.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libnsl-dev amd64 11.4.0-1ubuntu1-22.04 [2.517 kB]
Get:14 http://es.archive.ubuntu.com/ubuntu jammy-updates/main amd64 gcc-11 amd64 11.4.0-1ubuntu1-22.04 [20,1 MB]
Get:15 http://es.archive.ubuntu.com/ubuntu jammy-updates/main amd64 gcc amd64 4:11.2.0-1ubuntu1 [5.112 B]
Get:16 http://es.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libc-dev-bin amd64 2.35-0ubuntu3 [20,3 kB]
Get:17 http://es.archive.ubuntu.com/ubuntu jammy-updates/main amd64 linux-libc-dev amd64 5.15.0-84.93 [1.330 kB]

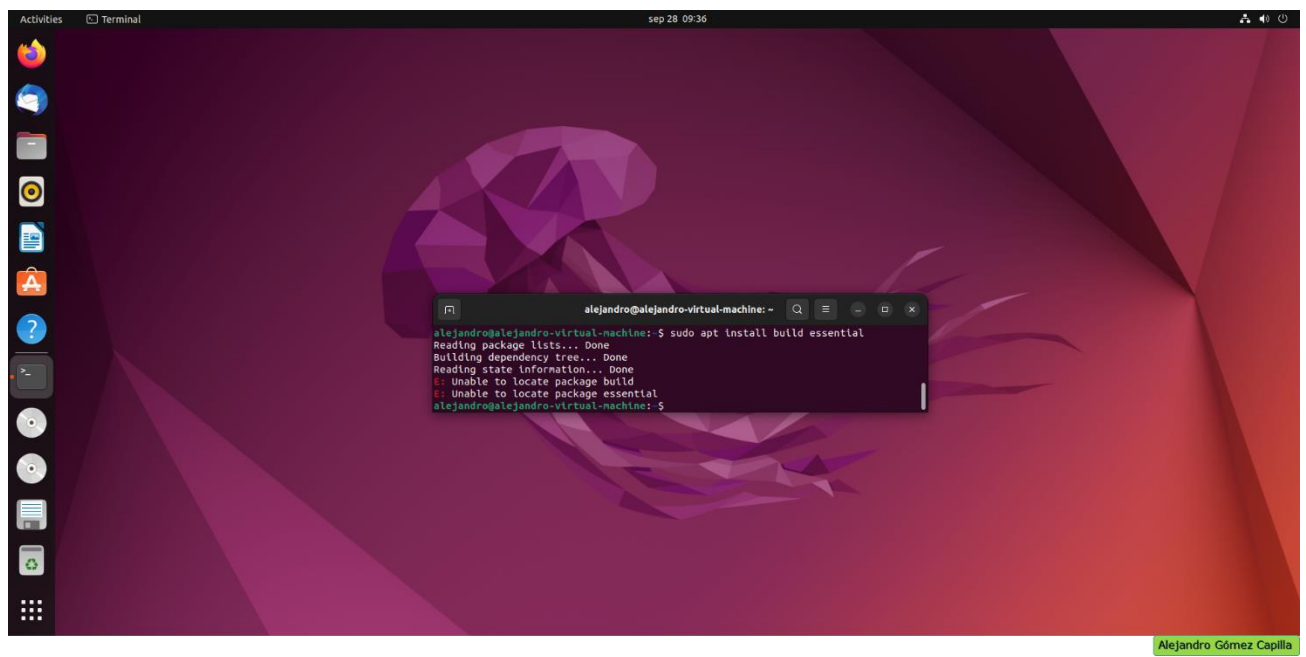
```

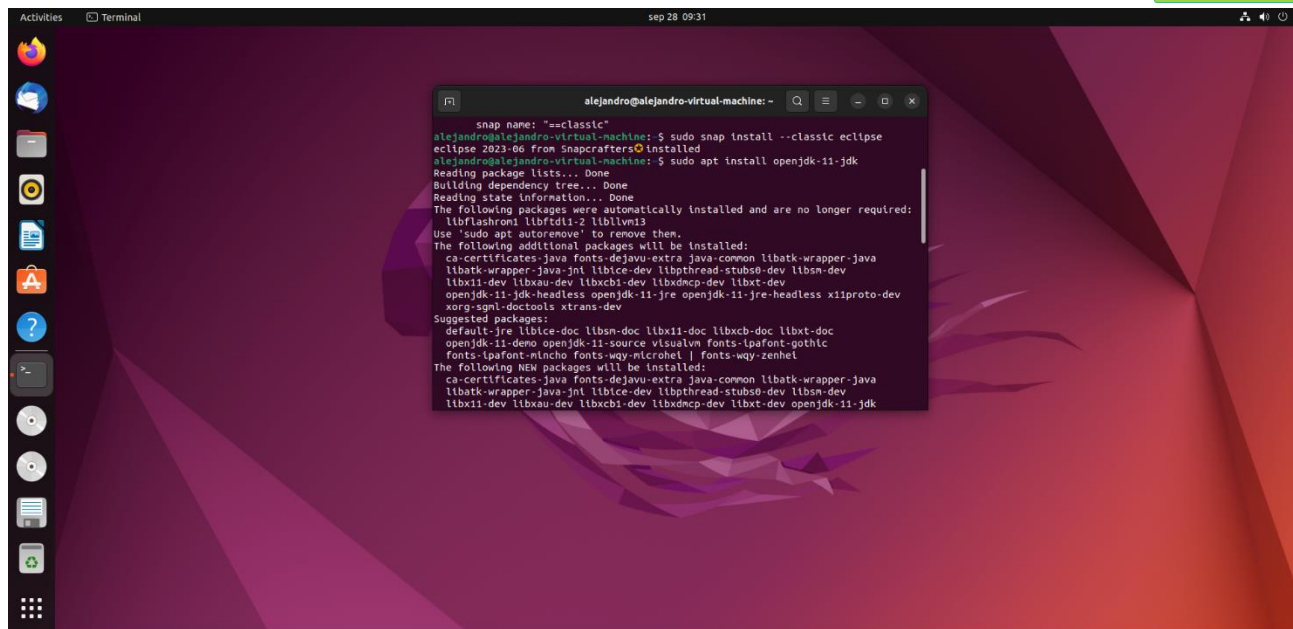
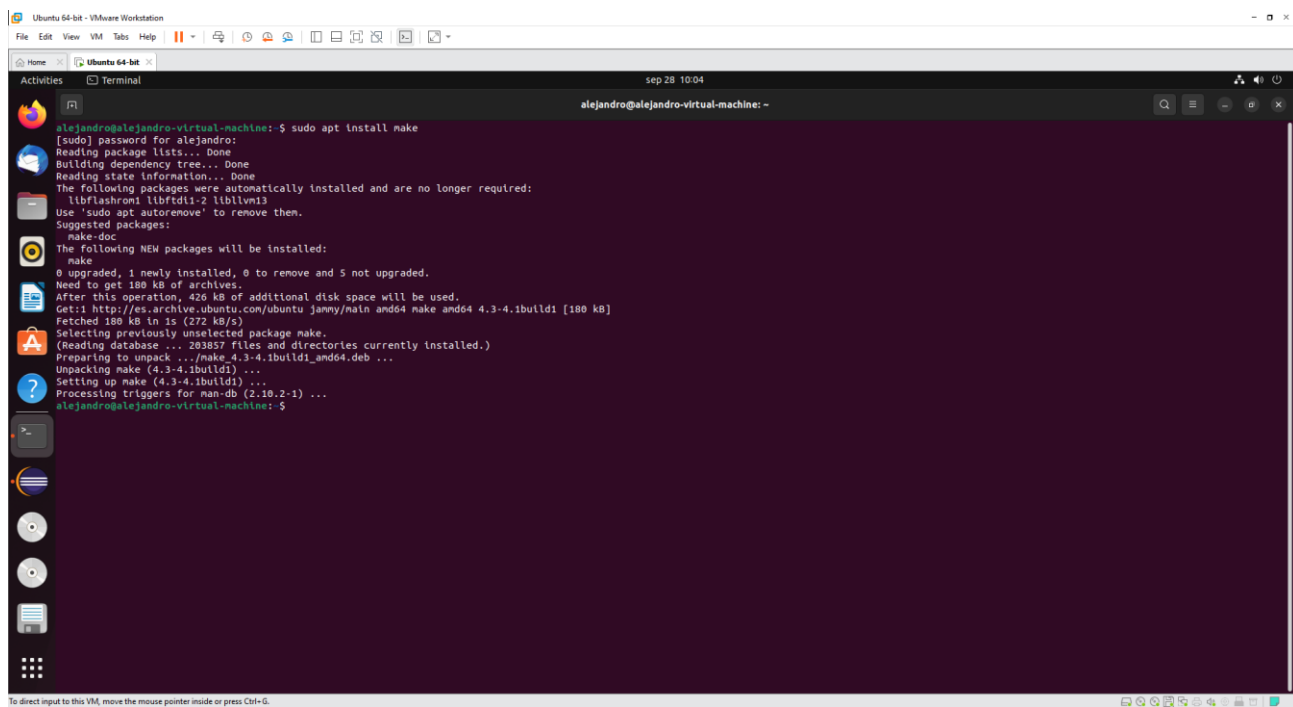


```

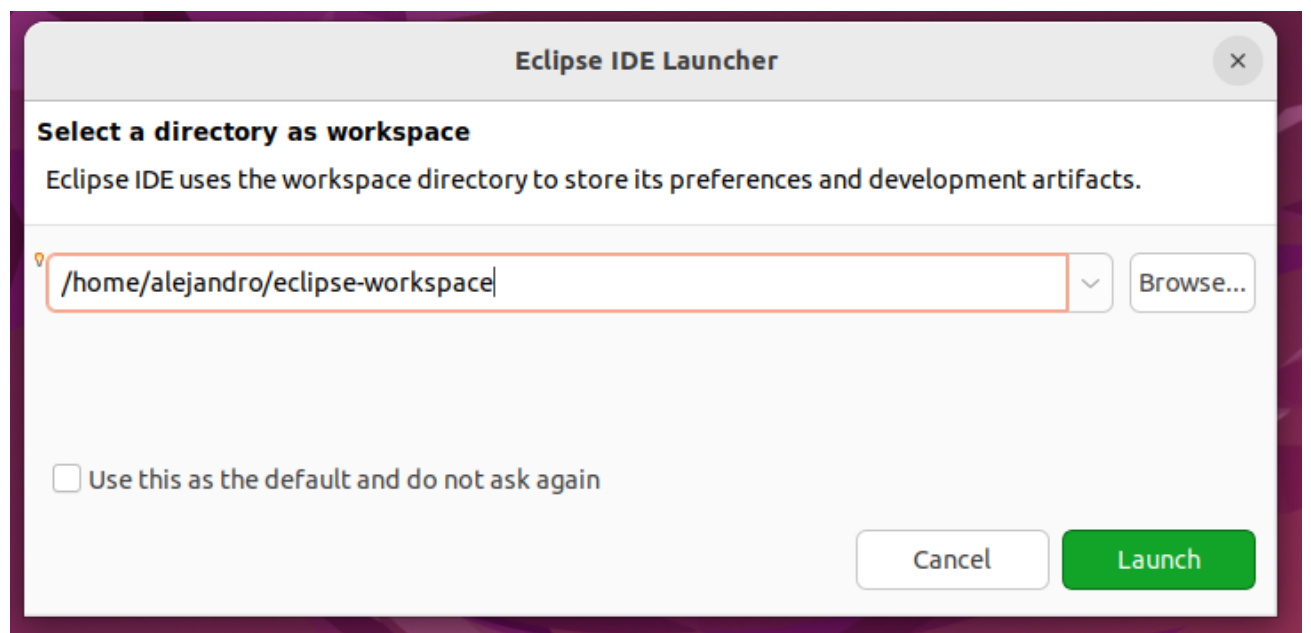
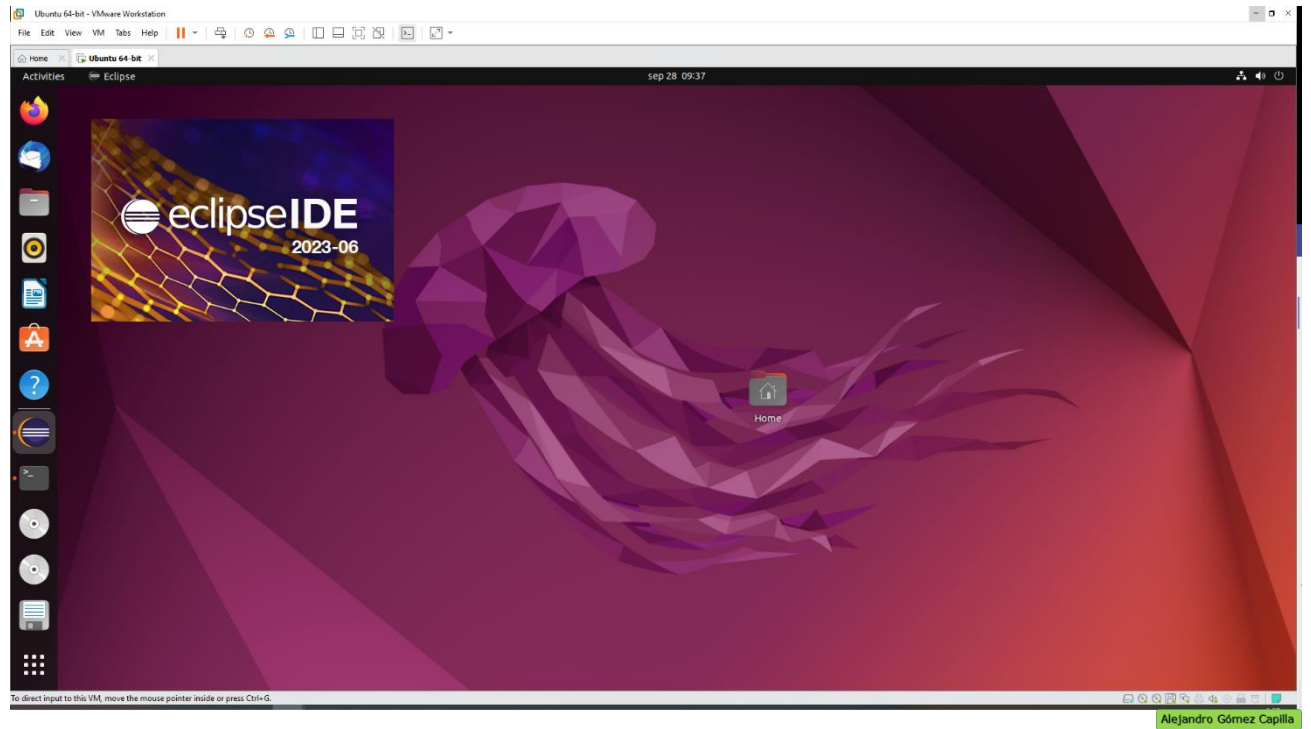
alejandro@alejandro-virtual-machine: ~$ sudo snap install classic eclipse
[sudo] password for alejandro:
error: store.SnapNotFound with 2 snaps
alejandro@alejandro-virtual-machine: ~$
alejandro@alejandro-virtual-machine: ~$ sudo snap install ==classic eclipse
snap name: "==classic", "eclipse": invalid instance name: invalid
alejandro@alejandro-virtual-machine: ~$ sudo snap install == classic eclipse
error: cannot install "==", "classic", "eclipse": invalid instance name: invalid
snap name: "=="
alejandro@alejandro-virtual-machine: ~$ sudo snap install ==classic eclipse
error: cannot install "==classic", "eclipse": invalid instance name: invalid
snap name: "=="
alejandro@alejandro-virtual-machine: ~$ sudo snap install --classic eclipse
Download snap "eclipse" (71) from channel "stable" 85% 9.9MB/s 5.50s

```



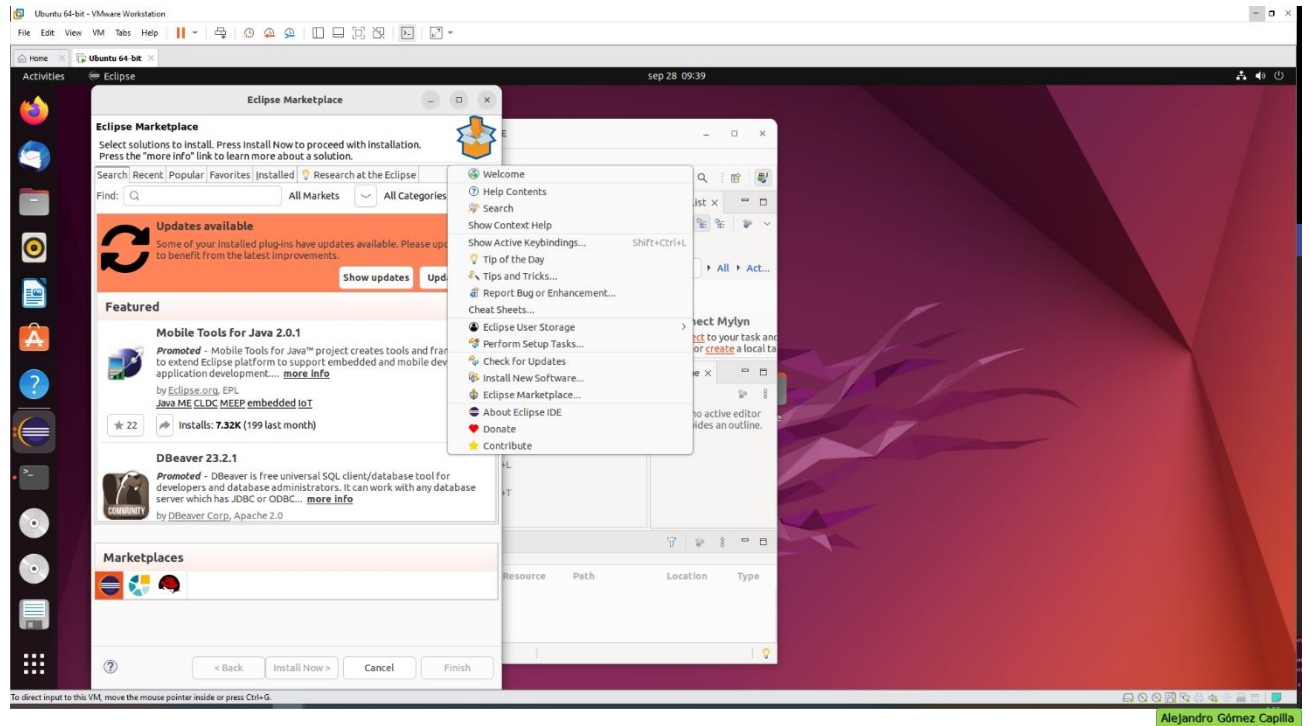


Luego abrimos el Eclipse i lo iniciamos en el home.

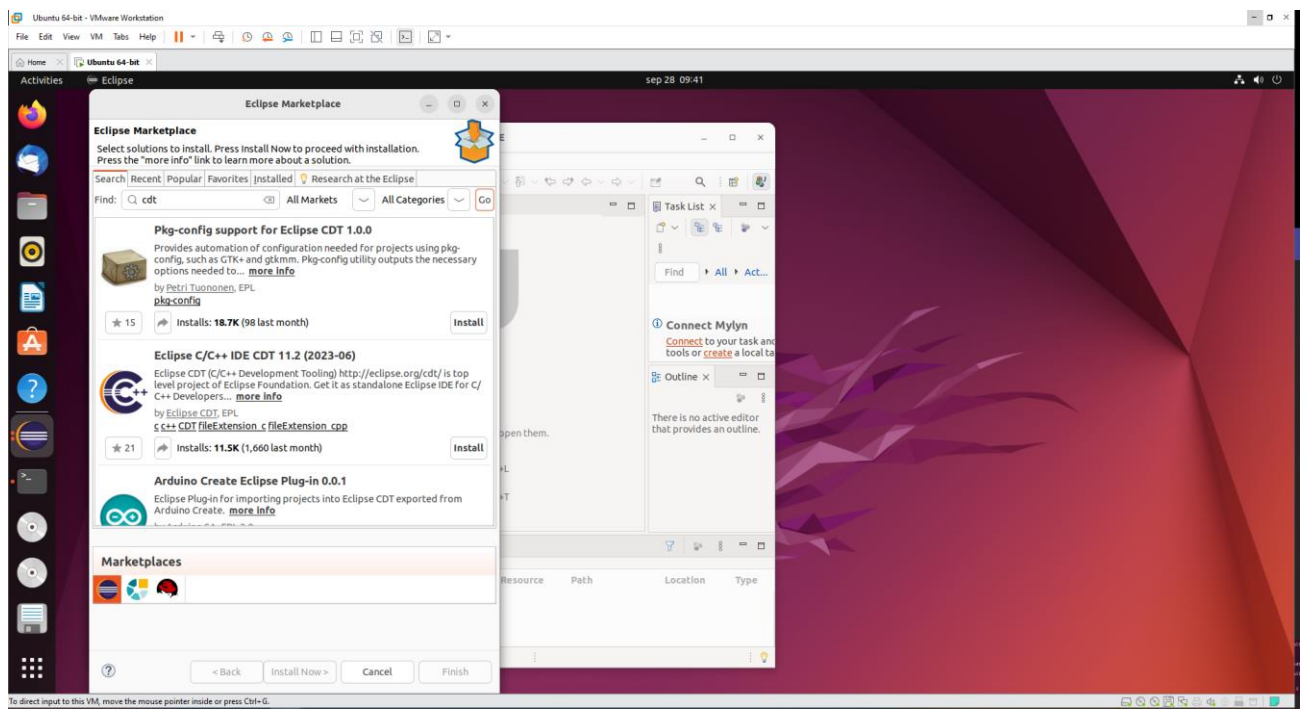


Alejandro Gómez Capilla

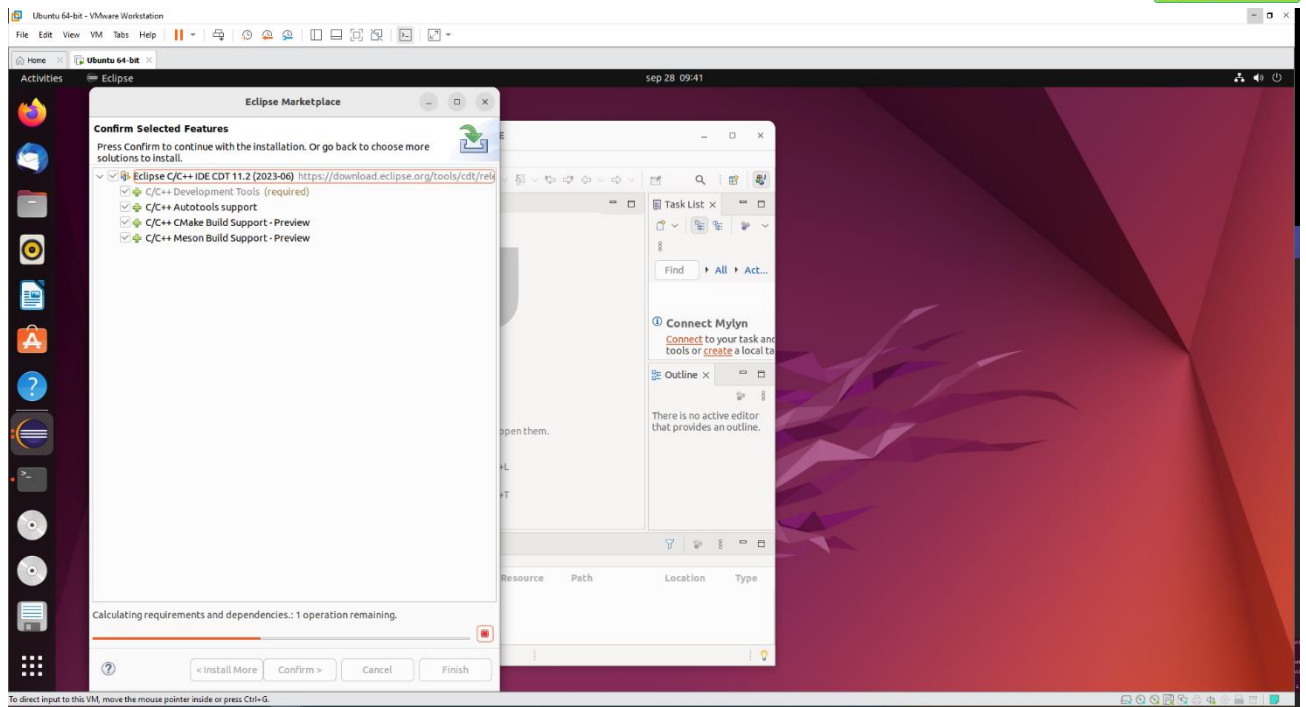
Entramos en la store de Eclipse i buscamos CDT i instalamos las extensiones para usar C++.



Alejandro Gómez Capilla

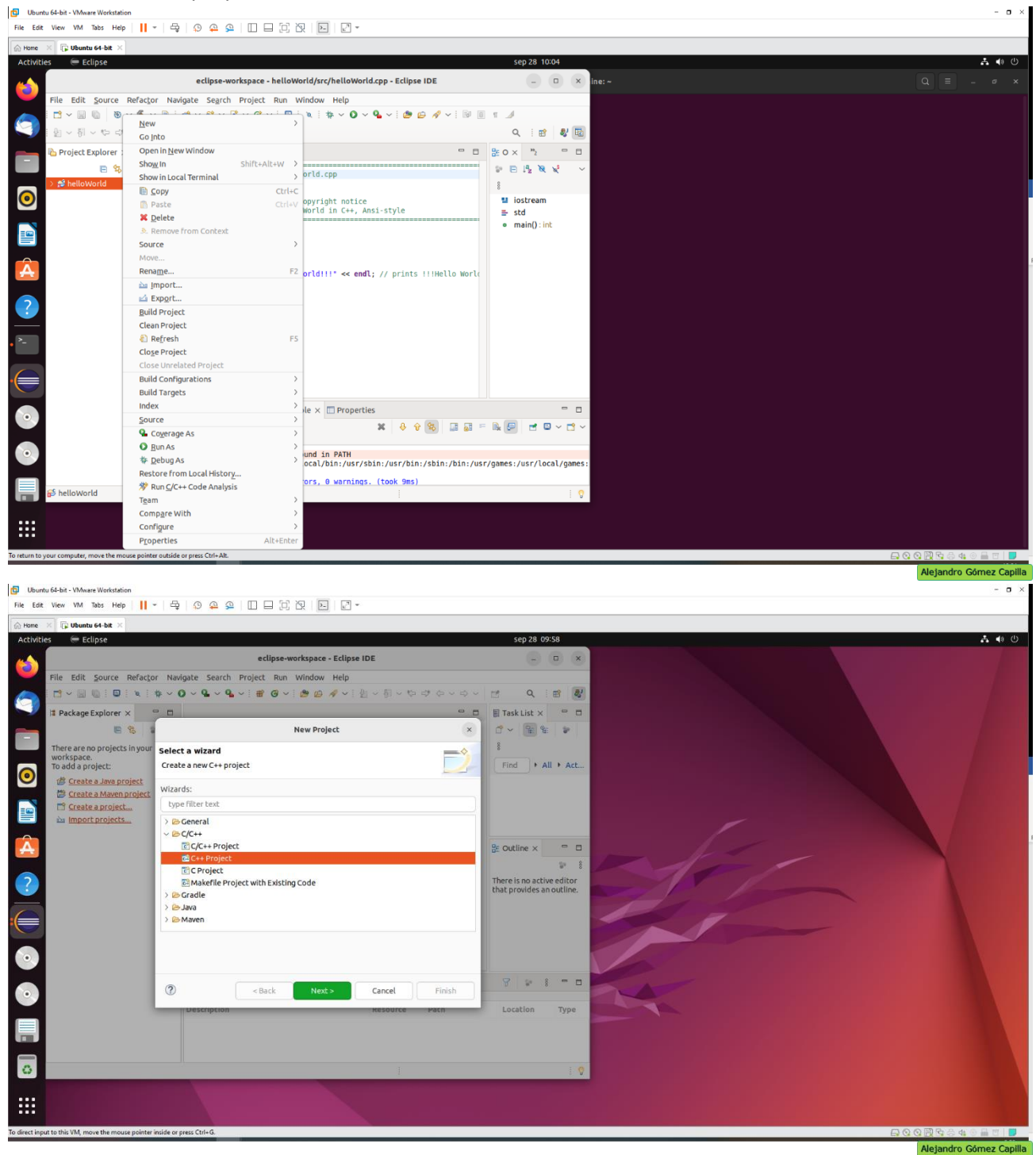


Alejandro Gómez Capilla

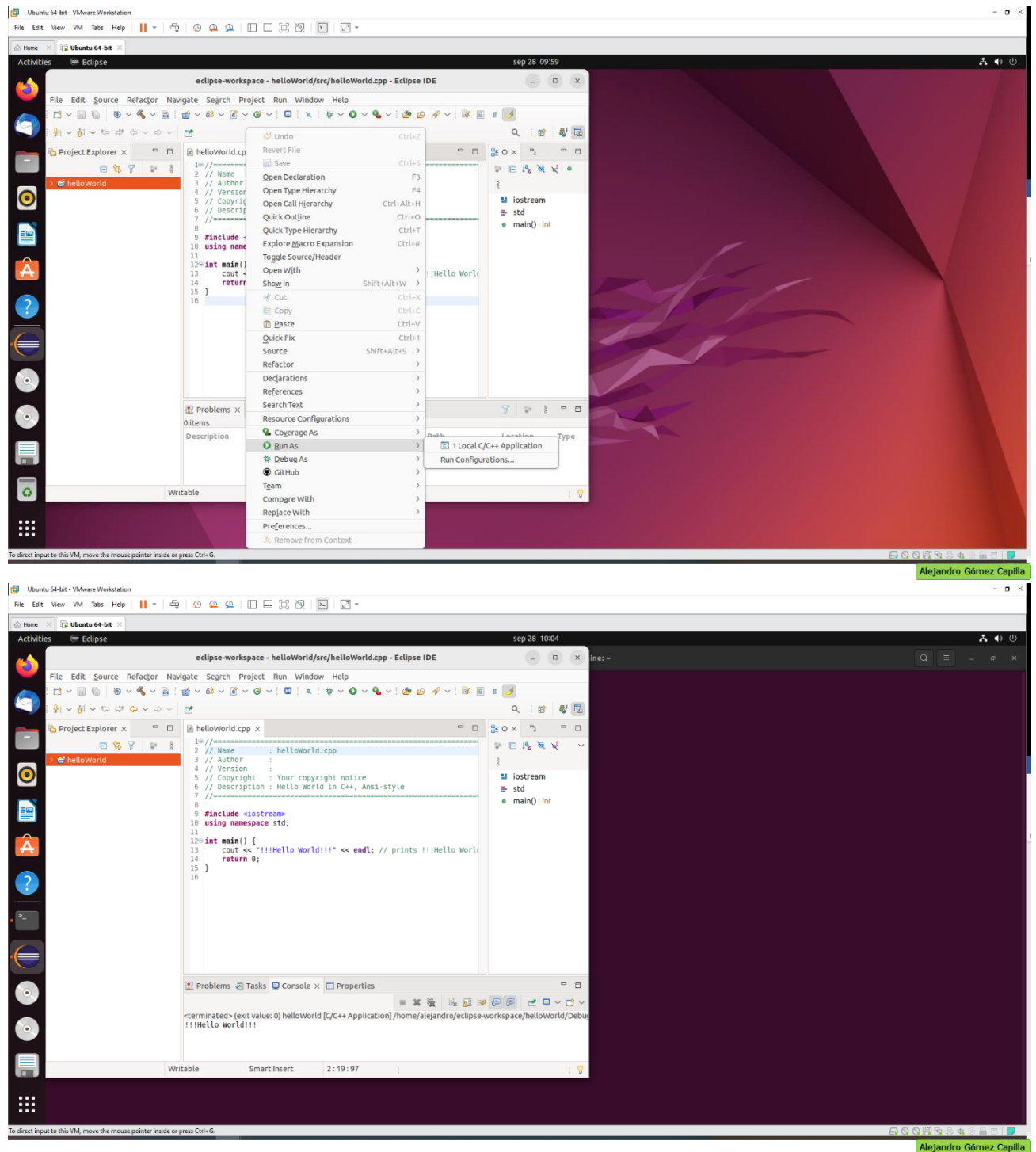


Alejandro Gómez Capilla

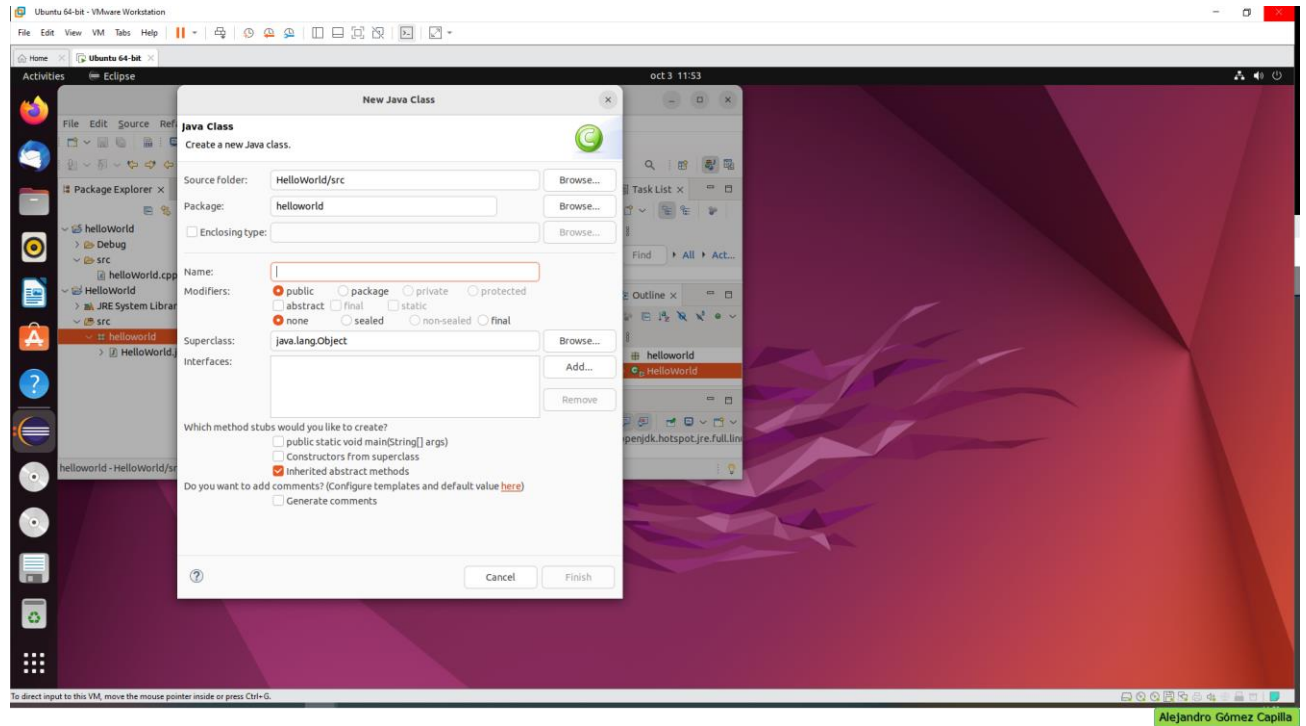
Creamos un nuevo proyecto en C++



Hacemos el Hello World i lo corremos.



Iniciamos una clase en java(es recomendable hacer un package para la clase i que no esté directo en el SCR)



I creamos el Hello World i lo corremos

