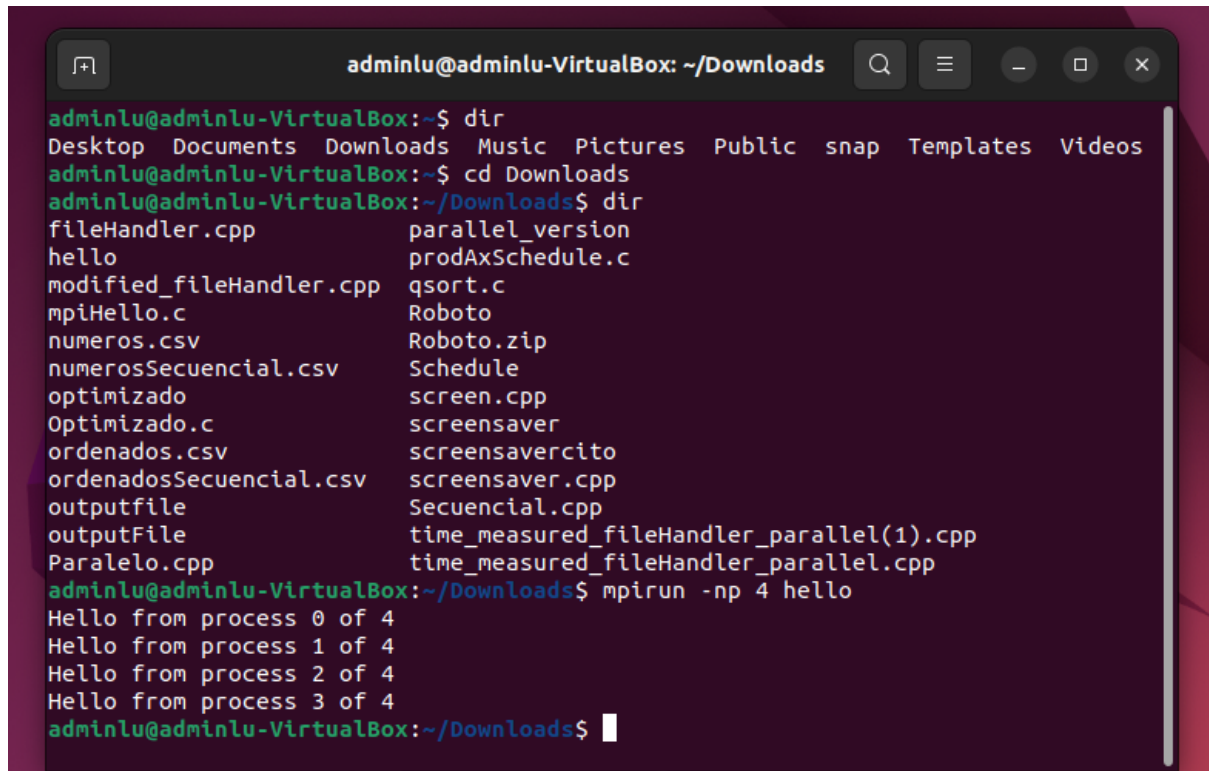


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Hoja De Trabajo 2	Alejandra Guzmán 20262

Ejecución Programa:

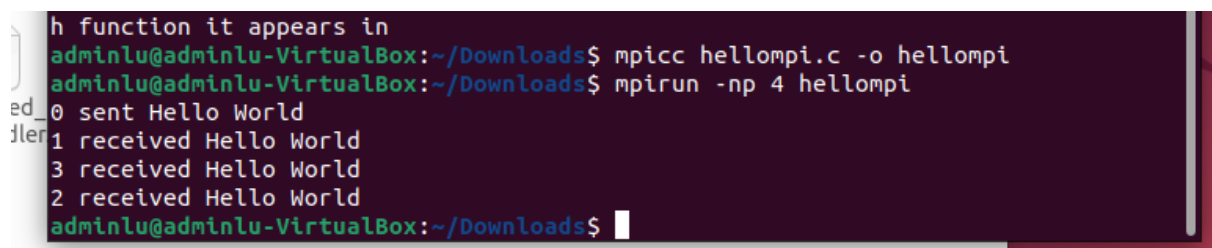


```

adminlu@adminlu-VirtualBox: ~/Downloads
adminlu@adminlu-VirtualBox:~$ dir
Desktop Documents Downloads Music Pictures Public snap Templates Videos
adminlu@adminlu-VirtualBox:~$ cd Downloads
adminlu@adminlu-VirtualBox:~/Downloads$ dir
fileHandler.cpp          parallel_version
hello                    prodAxSchedule.c
modified_fileHandler.cpp qsort.c
mpiHello.c               Roboto
numeros.csv              Roboto.zip
numerosSecuencial.csv   Schedule
optimizado               screen.cpp
Optimizado.c             screensaver
ordenados.csv            screensavercito
ordenadosSecuencial.csv screensaver.cpp
outputfile               Secuencial.cpp
outputFile               time_measured_fileHandler_parallel(1).cpp
Paralelo.cpp             time_measured_fileHandler_parallel.cpp
adminlu@adminlu-VirtualBox:~/Downloads$ mpirun -np 4 hello
Hello from process 0 of 4
Hello from process 1 of 4
Hello from process 2 of 4
Hello from process 3 of 4
adminlu@adminlu-VirtualBox:~/Downloads$

```

Intercambio de mensajes:



```

h function it appears in
adminlu@adminlu-VirtualBox:~/Downloads$ mpicc hellompi.c -o hellompi
adminlu@adminlu-VirtualBox:~/Downloads$ mpirun -np 4 hellompi
0 sent Hello World
1 received Hello World
3 received Hello World
2 received Hello World
adminlu@adminlu-VirtualBox:~/Downloads$

```

Mensajes con bloqueo y correspondencia

```
adminlu@adminlu-VirtualBox:~/Downloads$ mpicc hellompi2.c -o hellompi2
adminlu@adminlu-VirtualBox:~/Downloads$ mpirun -np 4 hellompi2
0 sent Hello World
1 received Hello World
```