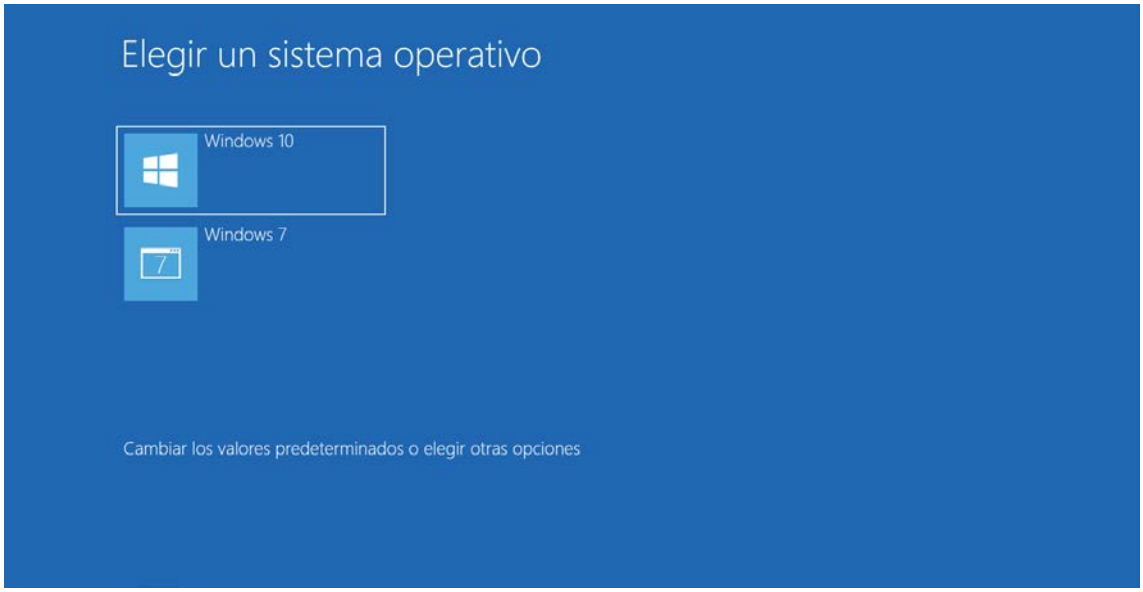
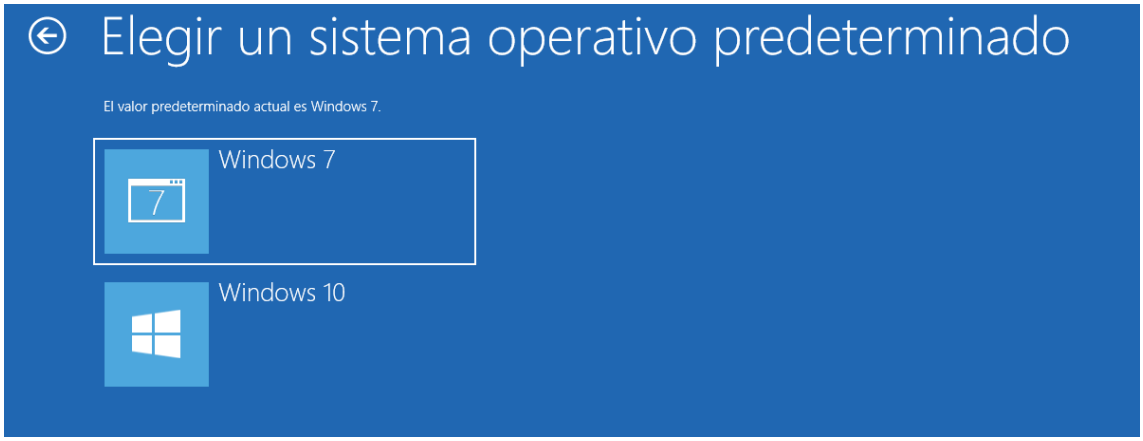
Create a document with screenshots to explain the answer for each exercise

1. Create a virtual machine with two operating systems, Windows 7 and Windows 10 (in this order). Choose Windows 7 as the default operating system, which will boot after 5 seconds unless Windows 10 is manually selected.

   I have installed first windows 7 and then windows 10 so the boot-loader working is the windows 10 one.

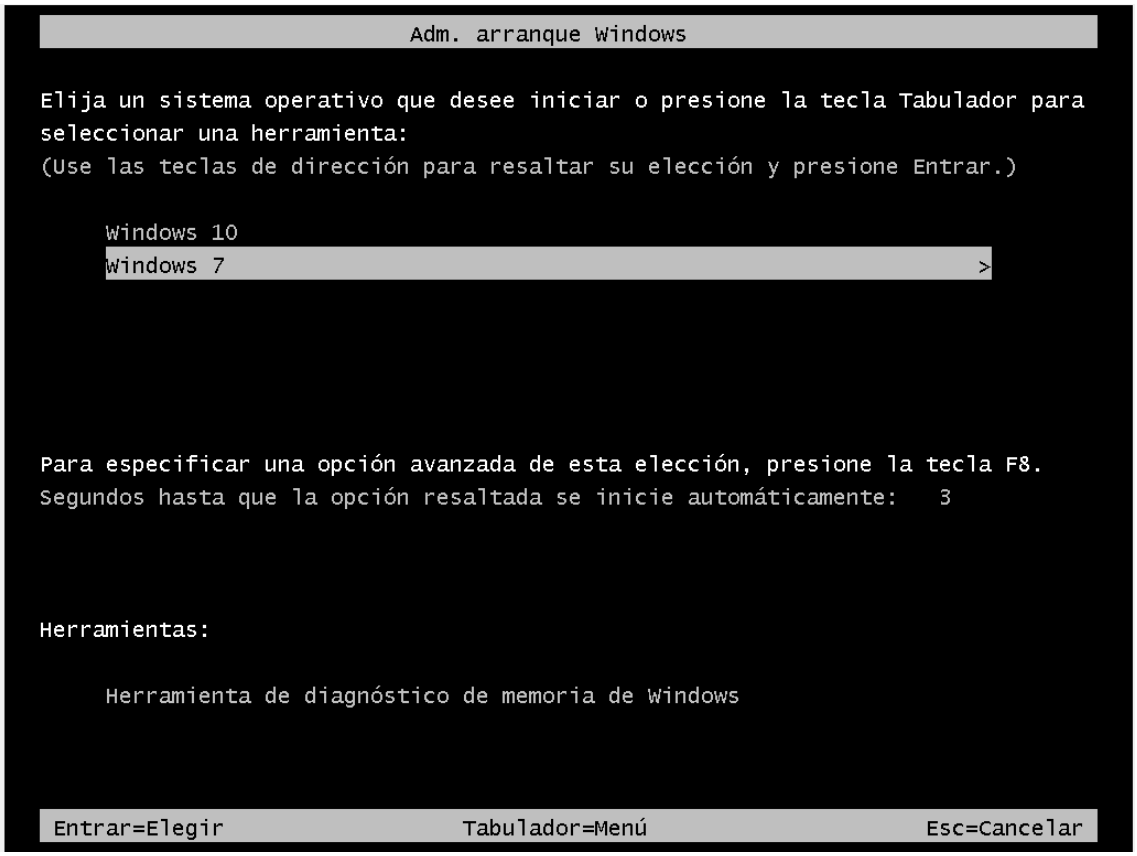


   Selecting the default operating system to boot.

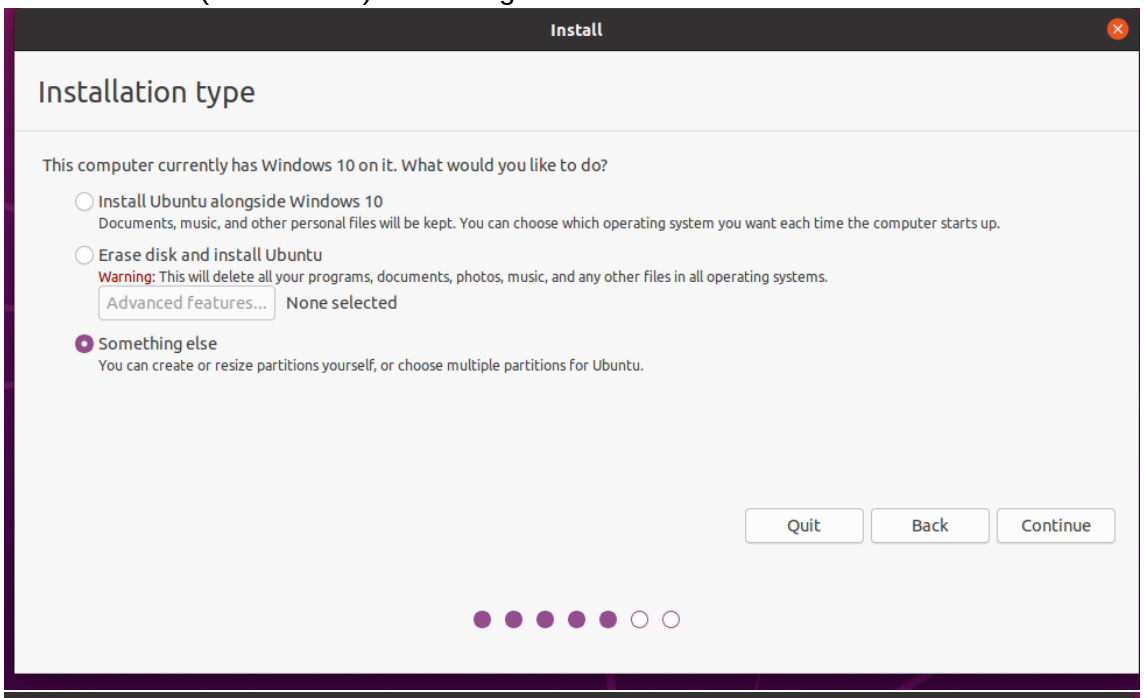


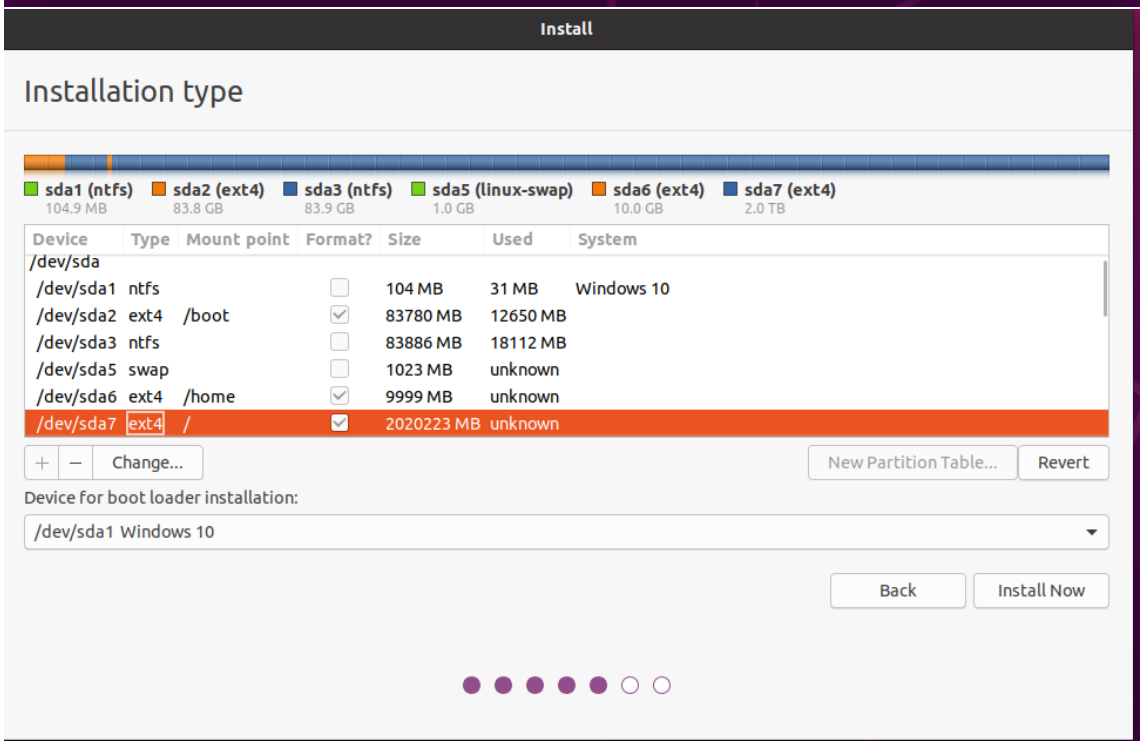
Ching the time abiable te select an operating system

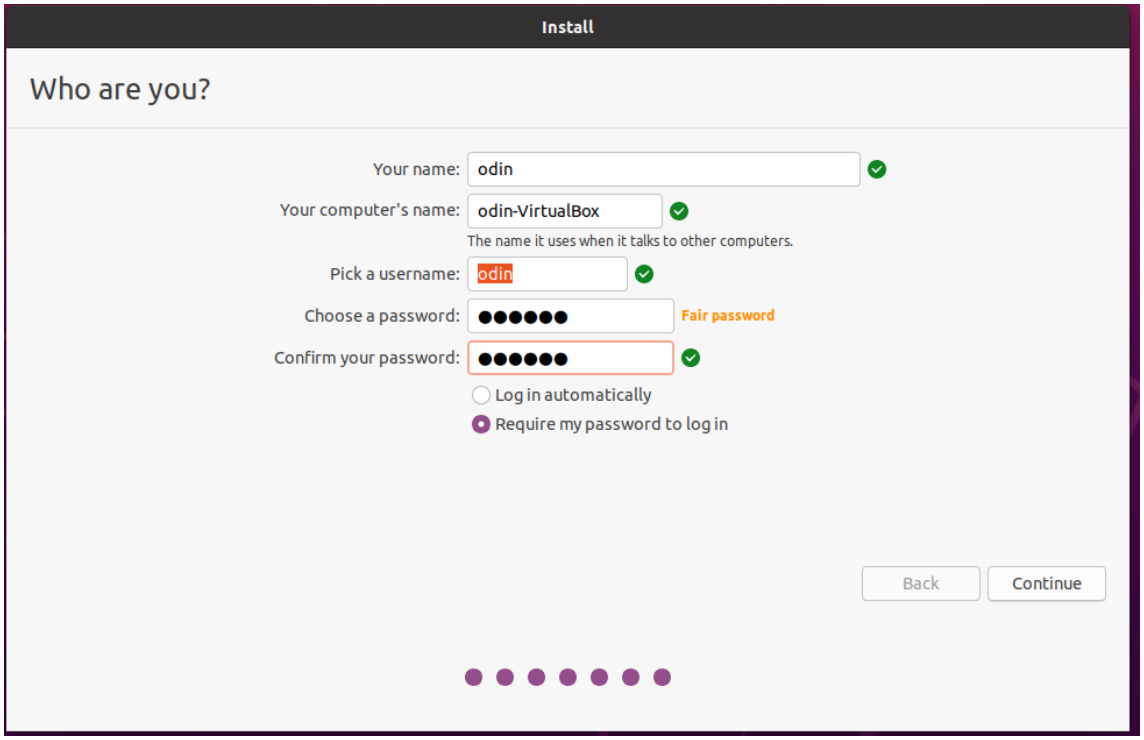

Cambiar el temporizador
Puedes elegir el tiempo de espera antes de que el sistema operativo predeterminado se ejecute automáticamente. La configuración actual es 5 segundos.
5 minutos
30 segundos
5 segundos


Adm. arranque Windows
Elija un sistema operativo que desee iniciar o presione la tecla Tabulador para seleccionar una herramienta:
(Use las teclas de dirección para resaltar su elección y presione Entrar.)
Windows 10
Windows 7
Para especificar una opción avanzada de esta elección, presione la tecla F8.
Segundos hasta que la opción resaltada se inicie automáticamente: 3
Herramientas:
Herramienta de diagnóstico de memoria de Windows
Entrar=Elegir
Tabulador=Menú
Esc=Cancelar

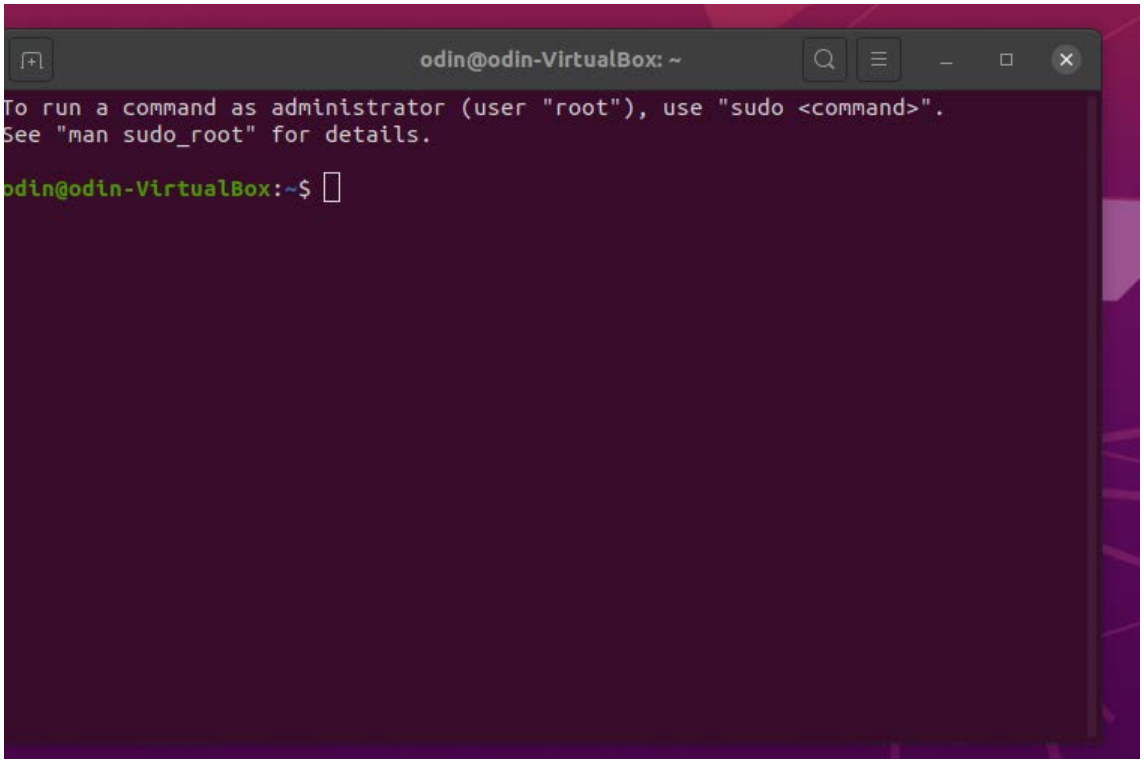
2. Create a virtual machine with two operating systems, Windows 7 (or Windows 10) and Ubuntu 16.04 (in this order) and configure the bootloader to:



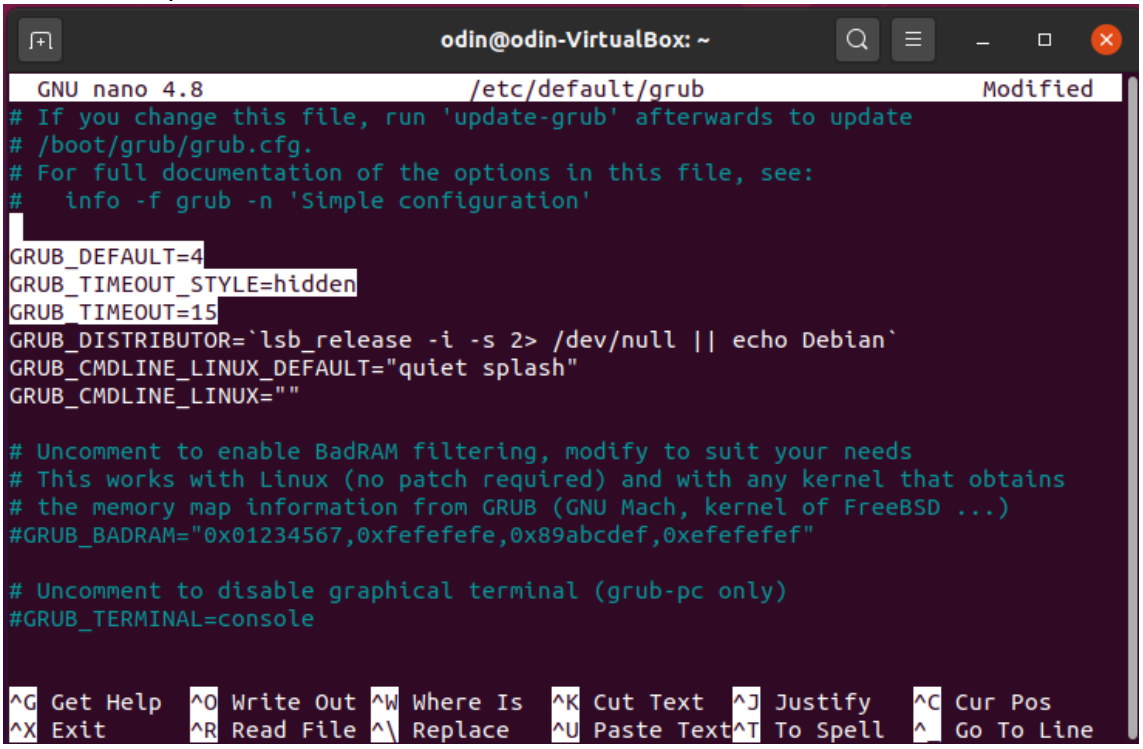



Install
Who are you?
Your name:
odin
Your computer's name:
odin-VirtualBox
The name it uses when it talks to other computers.
Pick a username:
odin
Choose a password:
Fair password
Confirm your password:
Log in automatically
Require my password to log in
Back
Continue


GNU GRUB version 2.04
*Ubuntu
Advanced options for Ubuntu
Memory test (memtest86+)
Memory test (memtest86+, serial console 115200)
Windows 10 (on /dev/sda1)
Use the ↑ and ↓ keys to select which entry is highlighted.
Press enter to boot the selected OS, `e' to edit the commands
before booting or `c' for a command-line.
The highlighted entry will be executed automatically in 9s.



a. Set Windows as default entry and boot after 15 seconds if the user does not select another option in the menu.



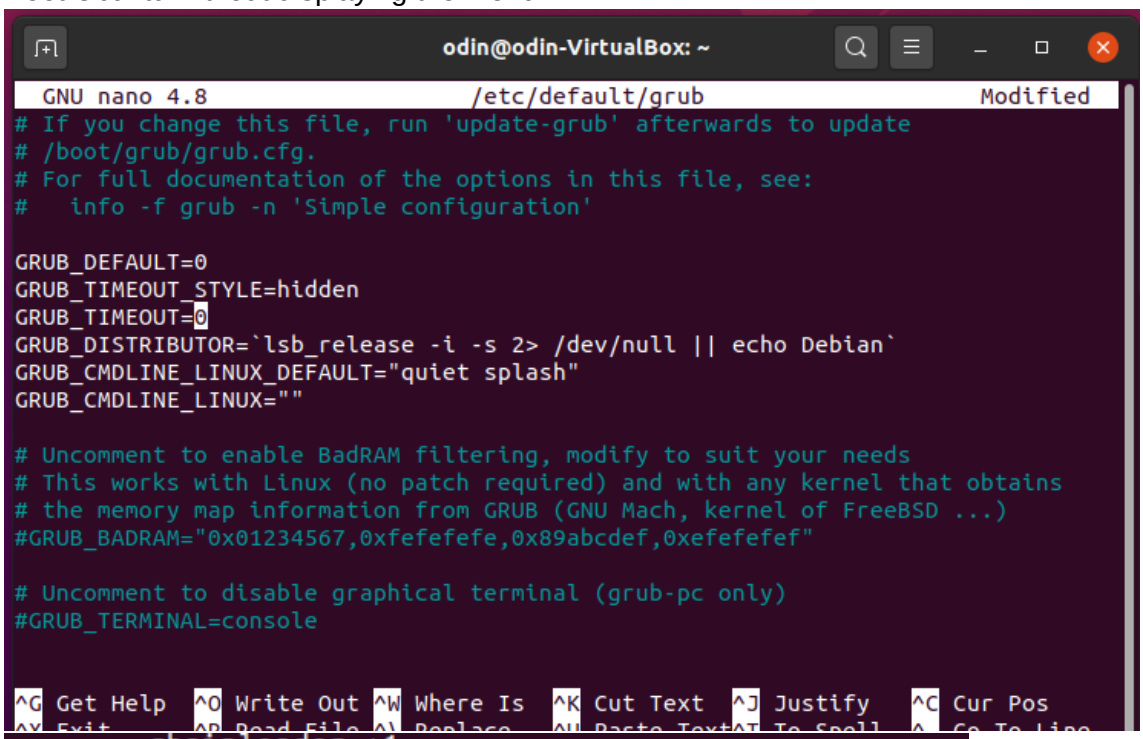
b. Boot Ubuntu without displaying the menu after showing a 10 seconds countdown.

```
GRUB_DEFAULT=0
GRUB_TIMEOUT_STYLE=hidden
GRUB_TIMEOUT=10
GRUB_DISTRIBUTOR=`lsb_release -i -s 2> /dev/null || echo Debian`
GRUB_CMDLINE_LINUX_DEFAULT="quiet splash"
GRUB_CMDLINE_LINUX=""
```

```
        chainloader +1
}
#set timeout_style=menu
#if [ "${timeout}" = 0 ]; then
#  set timeout=10
#fi

### END /etc/grub.d/30_os-prober ###
```

c. Boot Ubuntu without displaying the menu.




```
        chainloader +1
}
#set timeout_style=menu
#if [ "${timeout}" = 0 ]; then
#  set timeout=10
#fi

### END /etc/grub.d/30_os-prober ###
```

d. Boot Windows without displaying the menu.

```
GRUB_DEFAULT=4
GRUB_TIMEOUT_STYLE=hidden
GRUB_TIMEOUT=0
GRUB_DISTRIBUTOR=`lsb_release -i -s 2> /dev/null || echo Debian`
GRUB_CMDLINE_LINUX_DEFAULT="quiet splash"
GRUB_CMDLINE_LINUX=""
```

```
        chainloader +1
}
#set timeout_style=menu
#if [ "${timeout}" = 0 ]; then
#  set timeout=10
#fi

### END /etc/grub.d/30_os-prober ###
```

3. If you lose the bootloader in exercise 2, use the tool “Boot-Repair”, which will let you solve the issue. If necessary, use the following the instructions in the URL:

https://help.ubuntu.com/community/Boot-Repair