Introduction

- Who am I ?

- Contacts

- Why this course ?

- H/W

- Who am I ?
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  About 10 yeras of developer experience

- Contacts
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- Why this course ?
  OS is your running enviroment, and should be efectivly used by a software developer.
  It may help you with a lot of already made tools, but may become your nightmare, if you are not aware of how it should be handeled

- H/W
  It's planned 4-5 tasks, submission via Moodle

Working environment

Virtual evironmnet

- Because we are dealing with the OS itself, it can be easly damaged by a bug/mistake

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    Because of that, we are strongly sugest to work on a virtual environmnet.

    We are not responsable for any damage to your personal PC, in case you ignoring this warning!

Virtual evironmnet

- There is a few methond to get you PC safe.

- Work on a cloud – AWS

- Install a virtual machine like Virtual Box

- Docker (mainly for Linux users)

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  It's assumed that you already familar with AWS and virtualBox software

Virtual evironmnet

My combination for this time:

Virtual box
https://www.virtualbox.org/wiki/Downloads

Lubuntu – lightwaight Ubuntu
https://lubuntu.net/

Virtual evironmnet

My combination for this time:

Virtual box
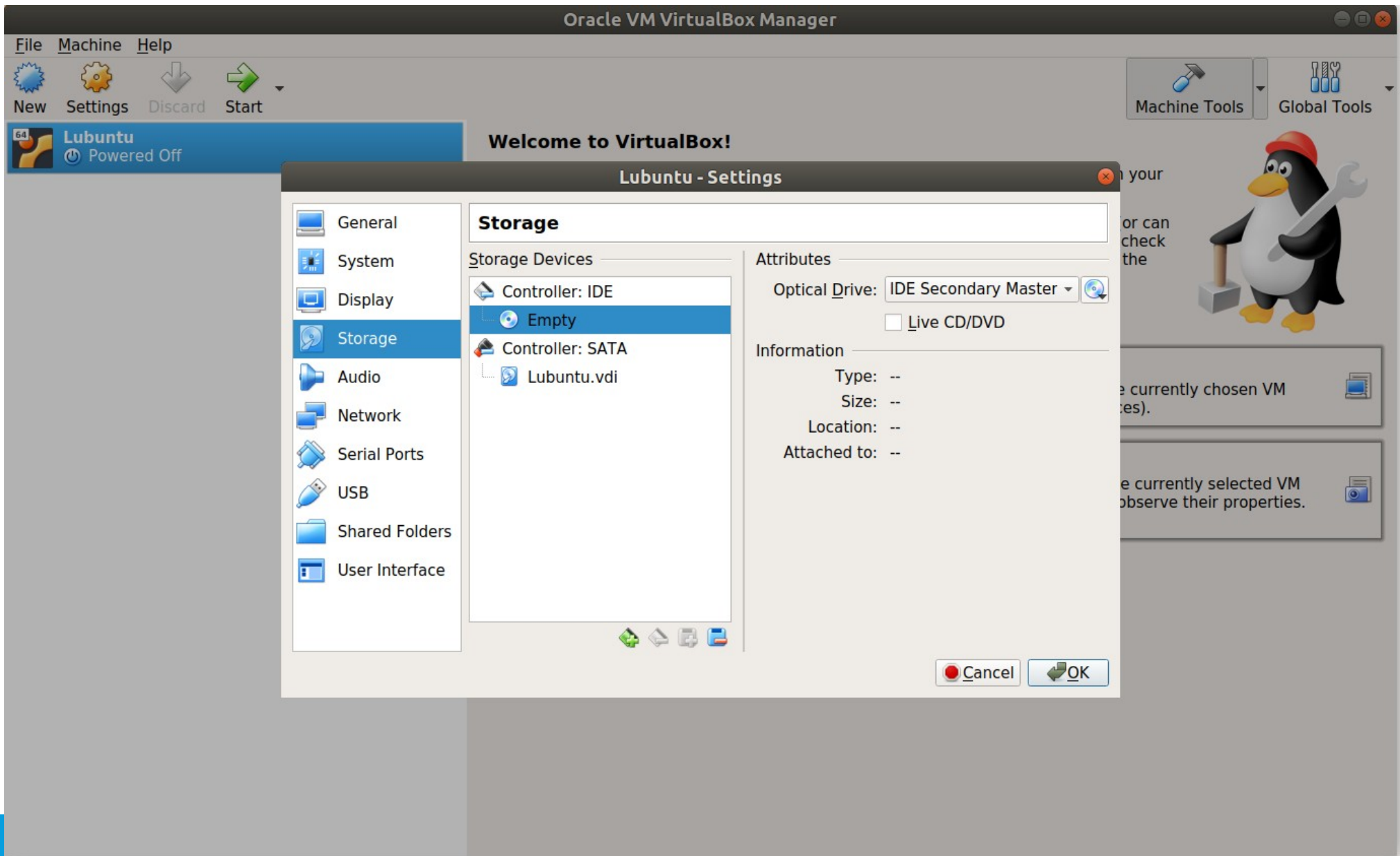https://www.virtualbox.org/wiki/Downloads

Lubuntu – lightwaight Ubuntu
https://lubuntu.net/

You mau choose another, or use already existing

Virtual evironmnet

Virtual evironmnet

You may use default paramets:
1gb ram, 10gb disk

While installation, just go wi it, and select sugested questions.

Select <yes> when asked write changes do disk

All the installation process takes about 20 minutes

Hello World

- At the end of the day, we are developers.

- Lets write some code !!

- In your virtual environment, write a simple "hello world" programm, that will print your name

- Solution at the next lecture ;-)

- This task is not yet for submission

Hello World

- Write a function "hello_world" in a separate file
- Implement a Header file to it.
- Write a simple main, that will use your function
- Compile and run it in your virtual evrinment