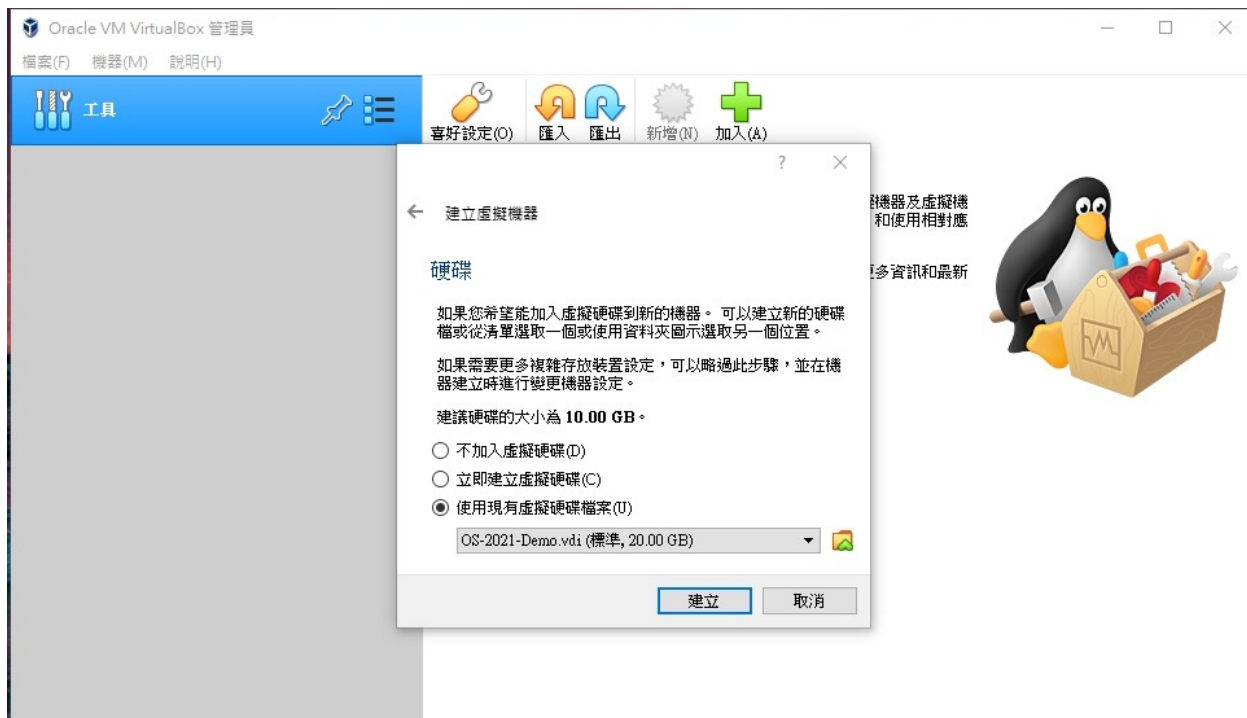# 2021 OS Homework

Preliminaries

Objectives

1. Virtual Machine

2. Homework grading rules

Virtual Machine Setup

1. Download and install Oracle VM VirtualBox
2. Create a new virtual machine
   - Download the virtual disk image from OneDrive or GoogleDrive , password is 0000
     - The provided image is the basic environment of Ubuntu 18.04 and will be used to demonstrate your homework
     - You can use your preferred environment for sure, but you will be all responsibilities to the environment related issues during the demo
       - **If your program can't run in the demo environment, there is no score for your homework**
       - **If your program doesn't work properly in the demo environment, you can only get partial scores**

Virtual Machine Setup

How to Submit Your Homework

- Submit homework by your favorite GitHub
    - We will give you a homework invitation link for each assignment
    - Just commit and push to your personal repository like a GitHub way
- As soon as the deadline is reached, GitHub Classroom will record the status of your homework repository in the current state
    - **Ensure that the final version of your homework is pushed to GitHub before the deadline**
    - **For late submission, there will be a 25% penalty per week**
        - **Assuming that the latest submission date is 10/04 23:59, but you submit between 10/05~10/11, the score will be the original score*0.75. If it is submitted between 10/12~10/18, the score will be the original score*0.5.**
        - **Homework4 should be submitted at 11:59 PM on Saturday, January 15, 2021**

How to Submit Your Homework

How to Submit Your Homework

How to Submit Your Homework

Requirement - Git Hooks

- All the homework assignments will include git pre-commit and commit-msg hooks
  - **If you don't follow these rules, there is no score for your homework**
    - pre-commit：
      - astyle --style=bsd --indent=spaces=4
      - cppcheck
    - commit-msg：
      - How to Write a Git Commit Message
- Make sure you have installed hooks before writing your homework
  - To install hooks in the local repository
    - $ make