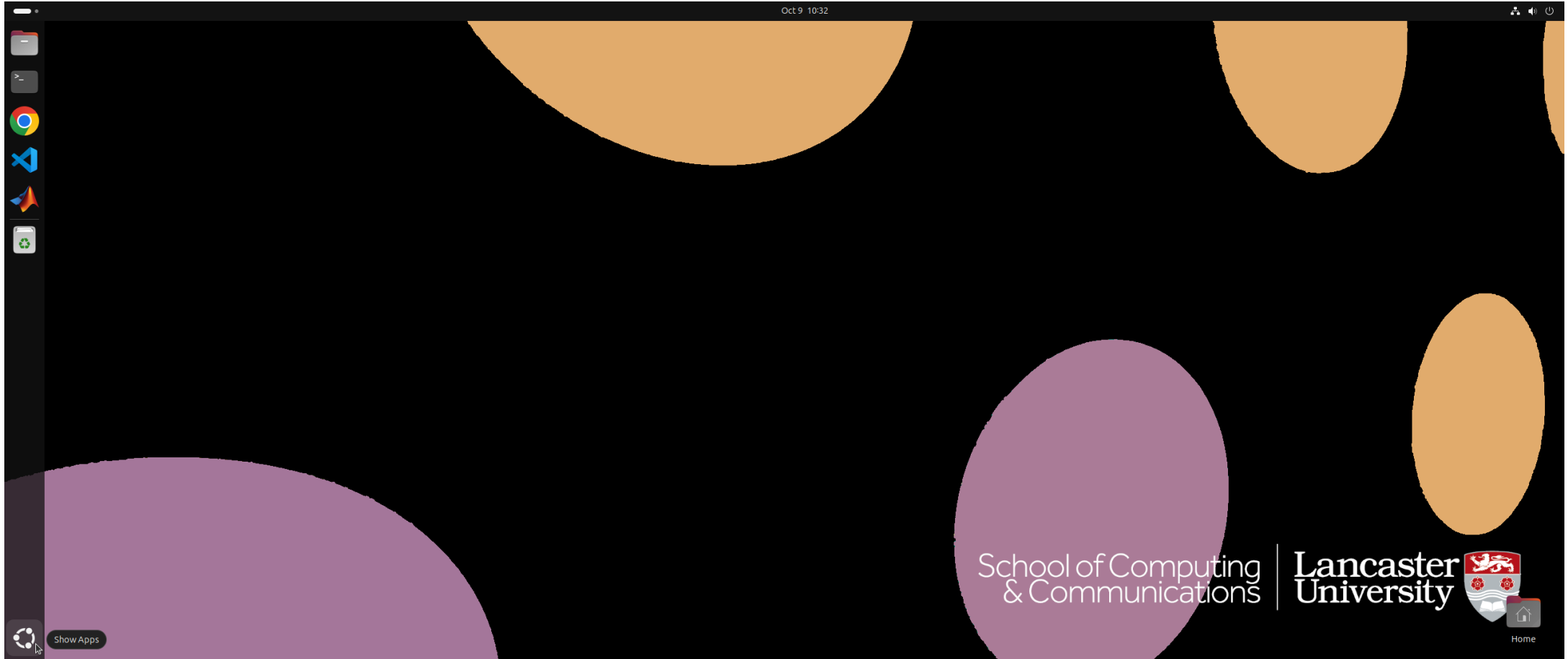


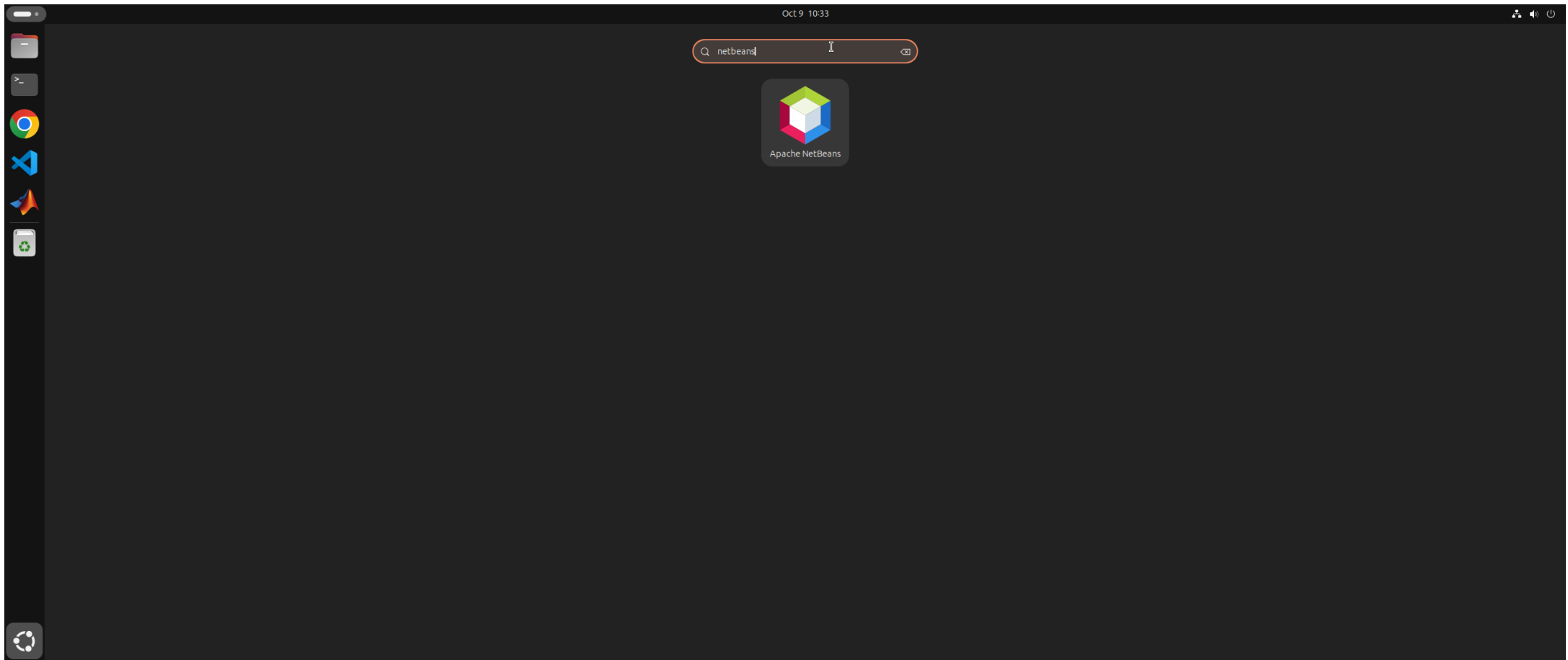
# Introduction to using the PlantUML diagramming tool

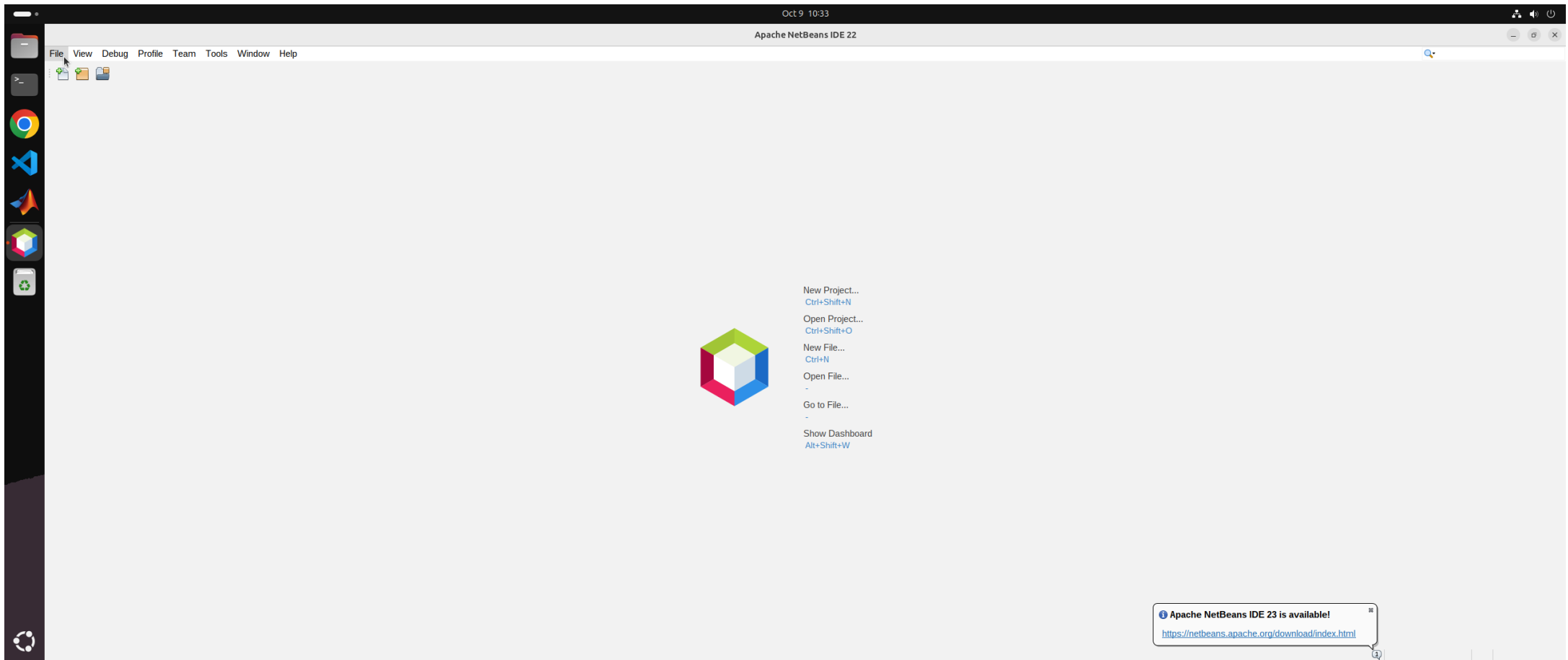
Professor Tracy Hall

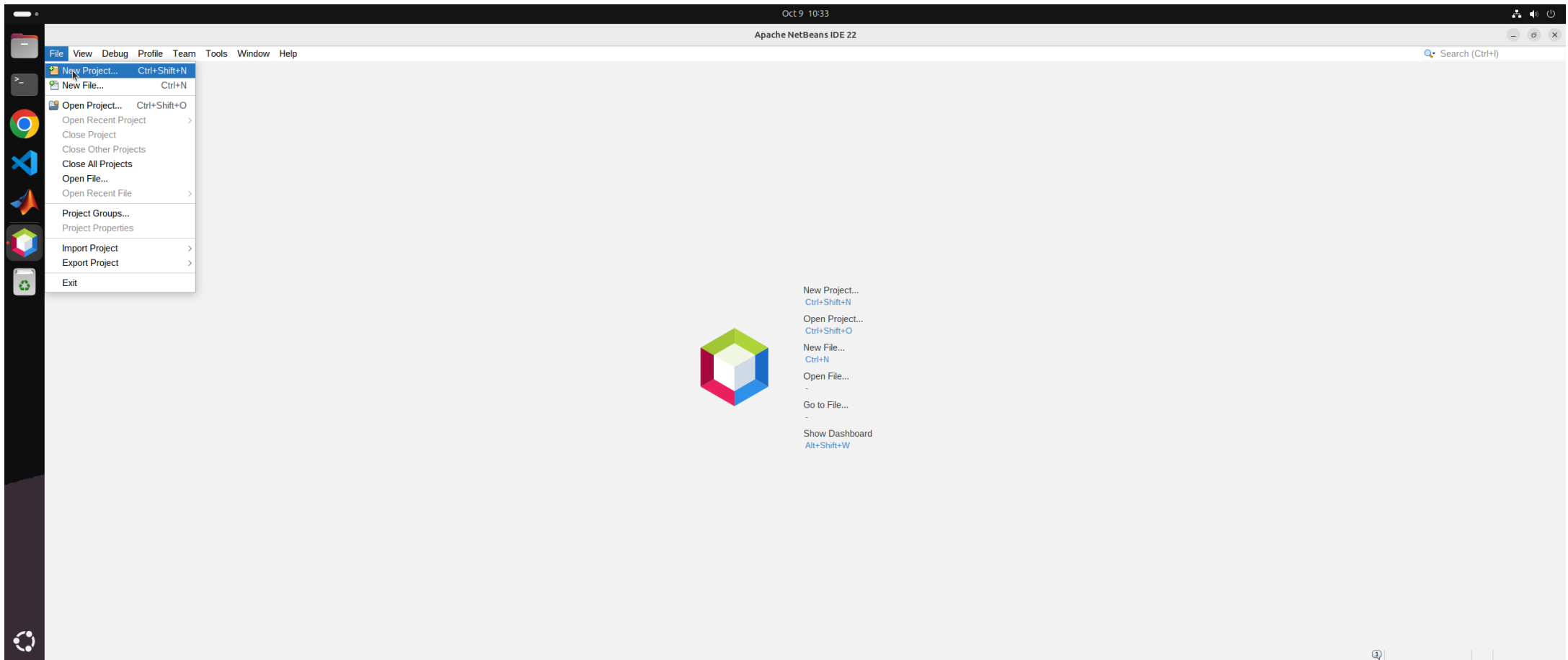
# What is PlantUML?

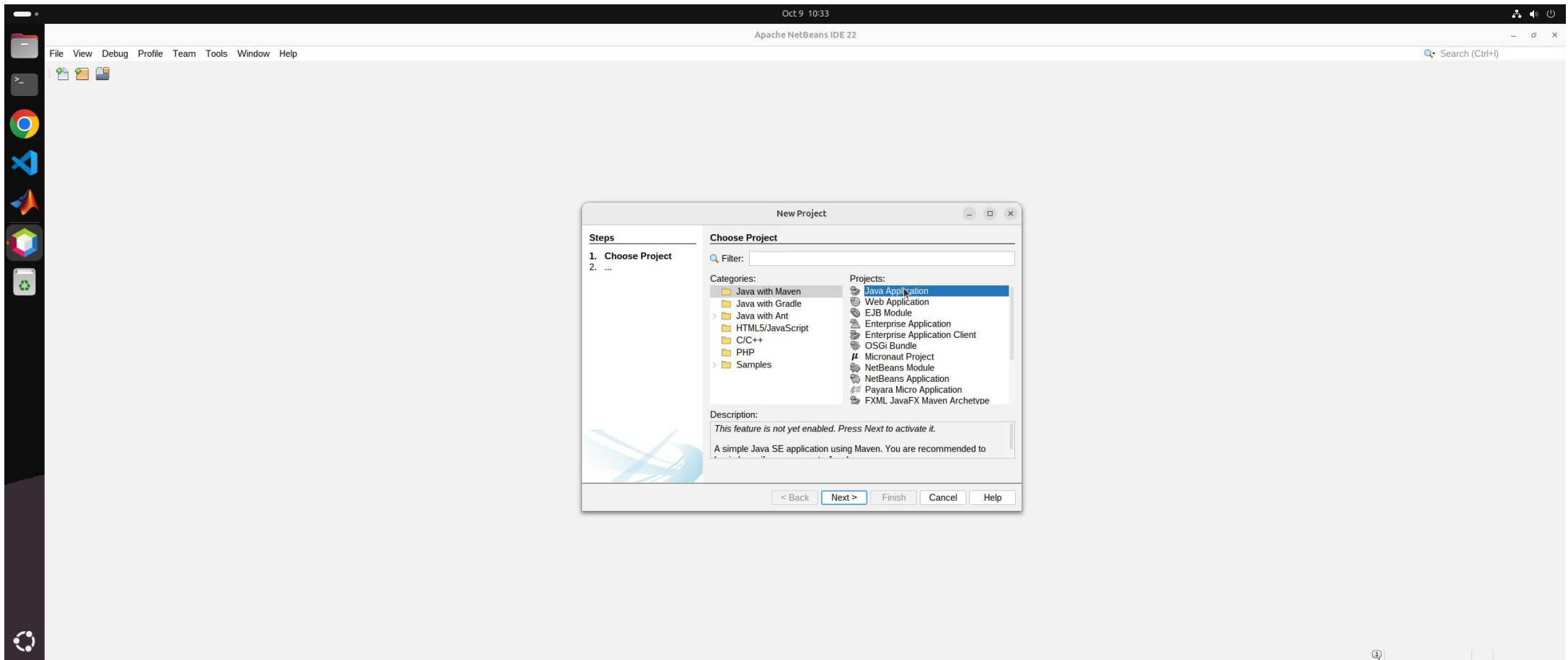
- A diagramming tool, similar to Latex for UML diagrams!
- Supports full suite of UML diagrams that we will use in SCC211
- Easier to use (once you get used to it!) than drag and drop tools
- Please use it!!!!
- Lots of resources to get you going:
  - We'll help you in labs to get going using it
  - Full reference guide on Moodle (very long....)
  - Great online support: [Open-source tool that uses simple textual descriptions to draw beautiful UML diagrams. \(plantuml.com\)](http://plantuml.com)
- We will use PlantUML on lab machines as a Netbeans plugin...

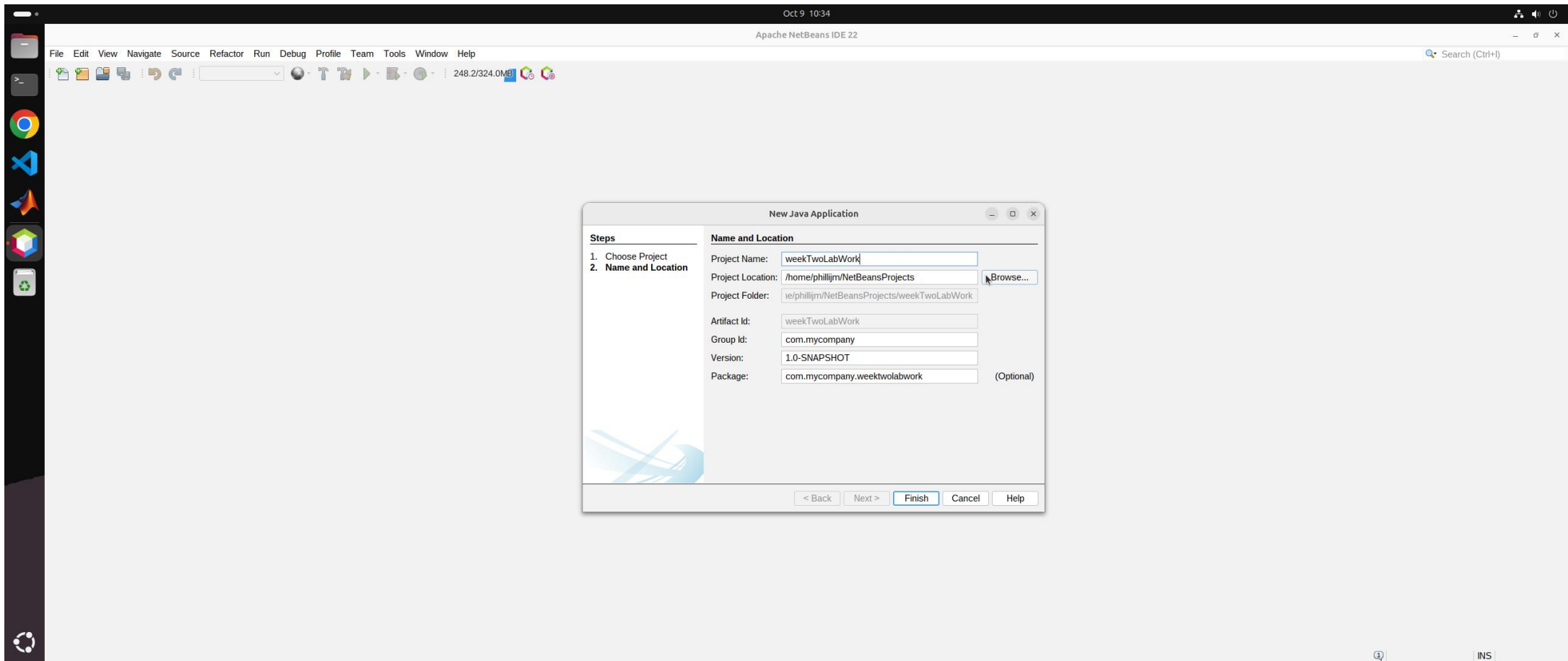














New Java Application

Steps

1. Choose Project
2. Name and Location

Name and Location

Select Project Location

Look In: h-drive

- > Downloads
- > My Desktop
- > My Documents
- > My Favorites
- > PhD
- > Undergrad

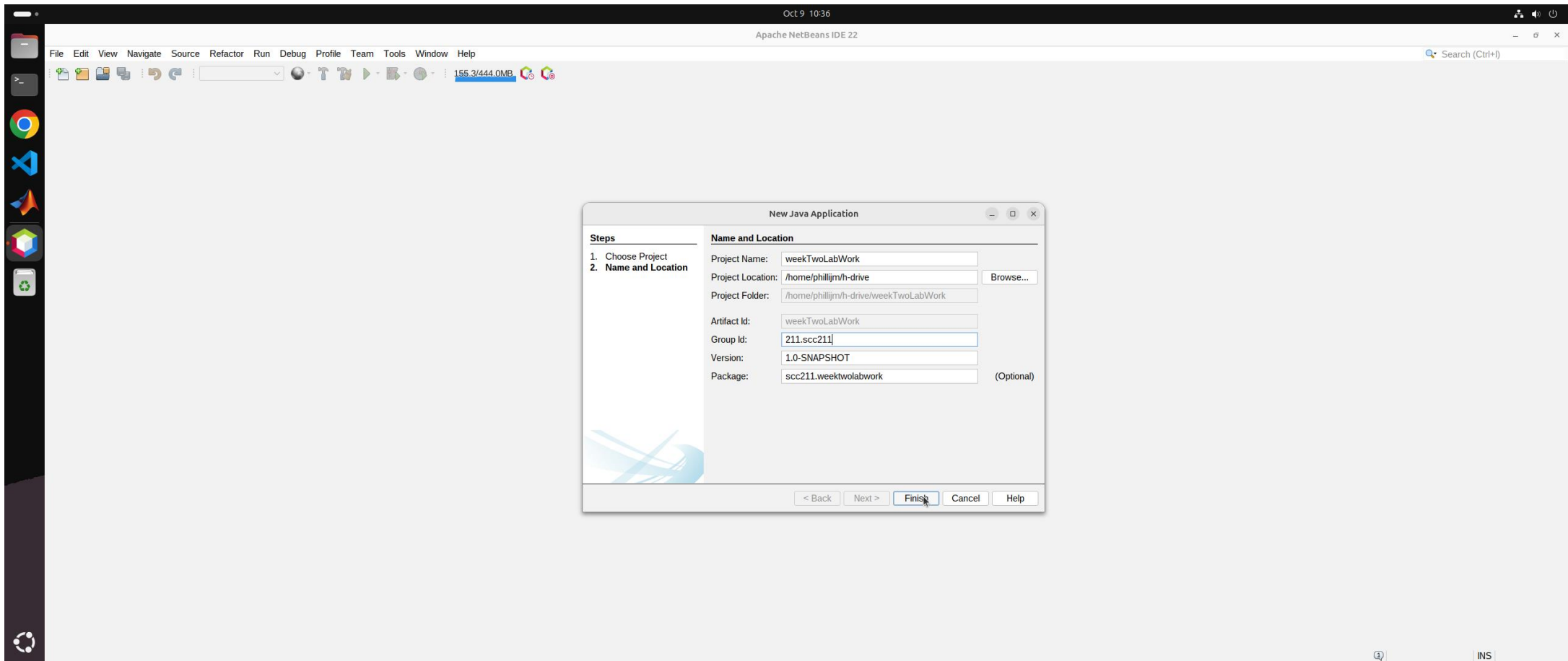
File Name: /home/phillijm/h-drive

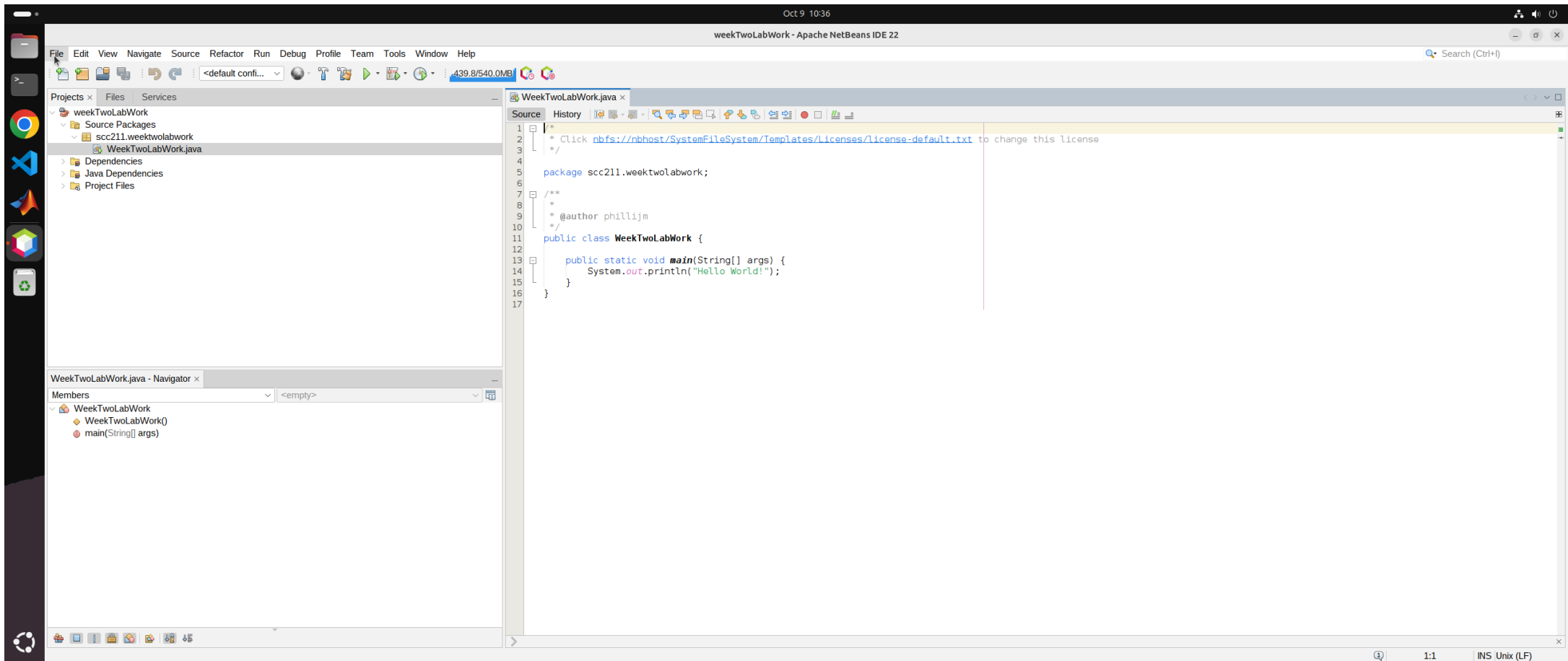
Files of Type: All Files

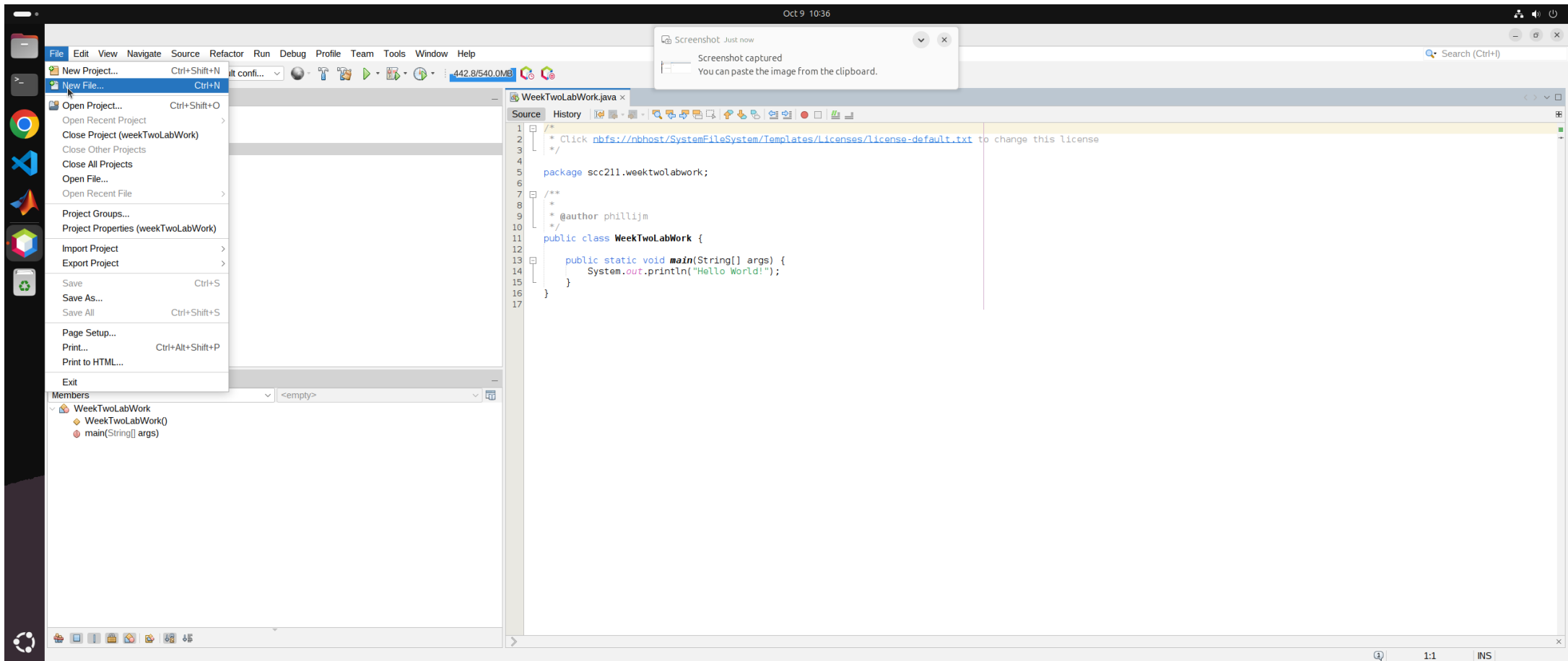
Open

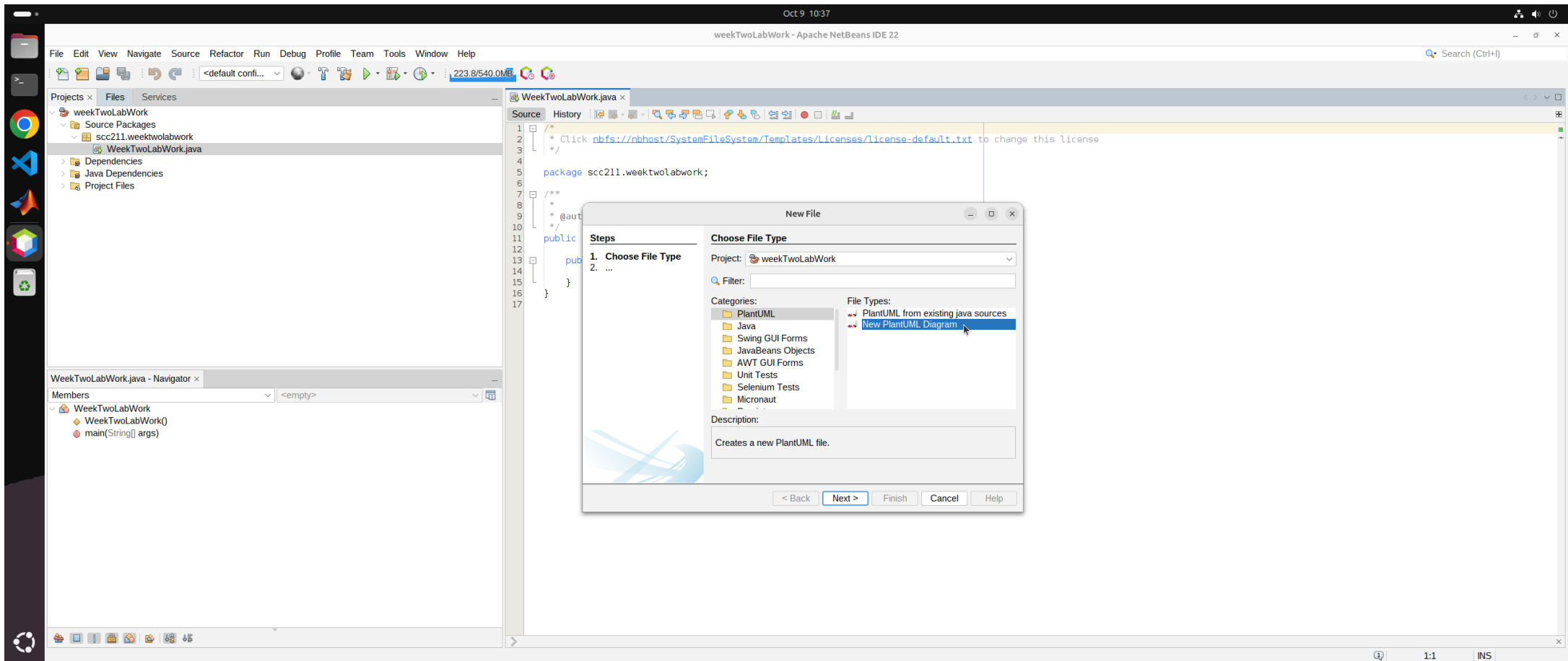
Cancel Open selected file

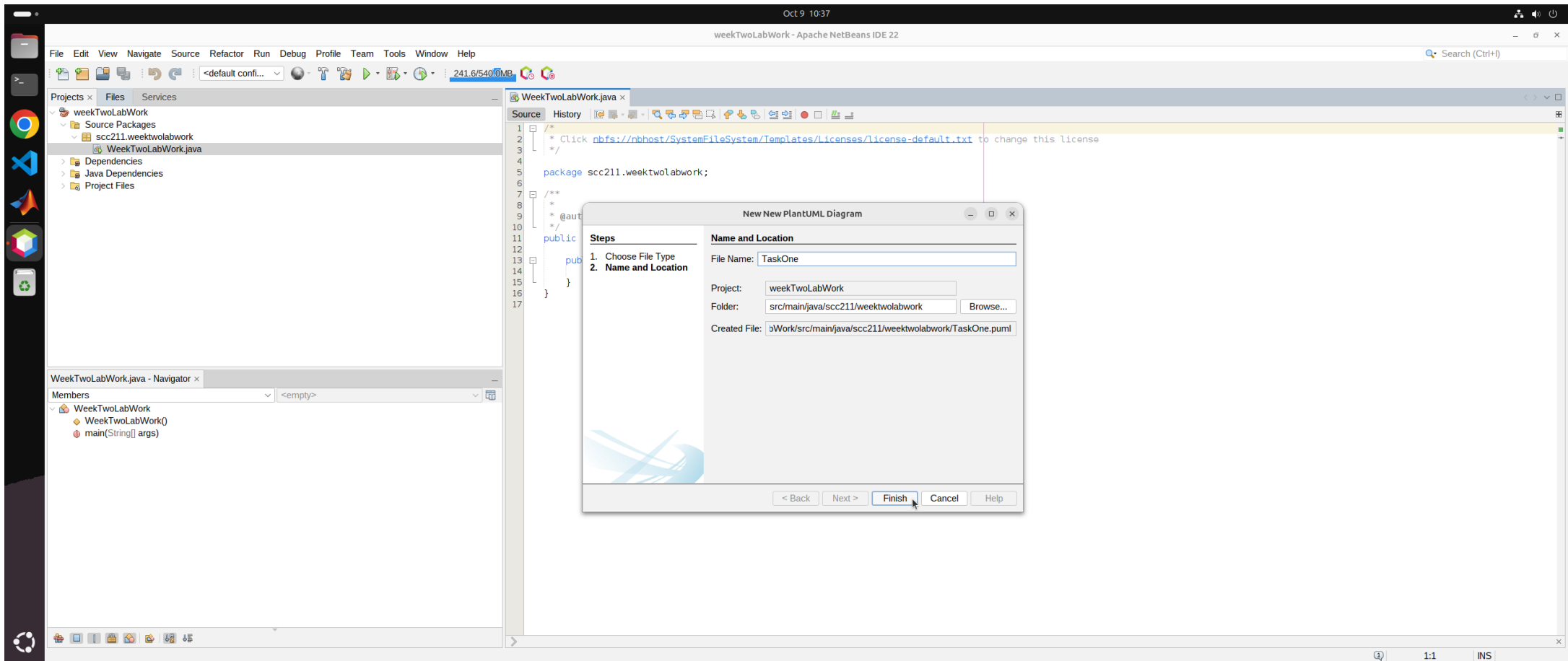
< Back Next > Finish Cancel Help

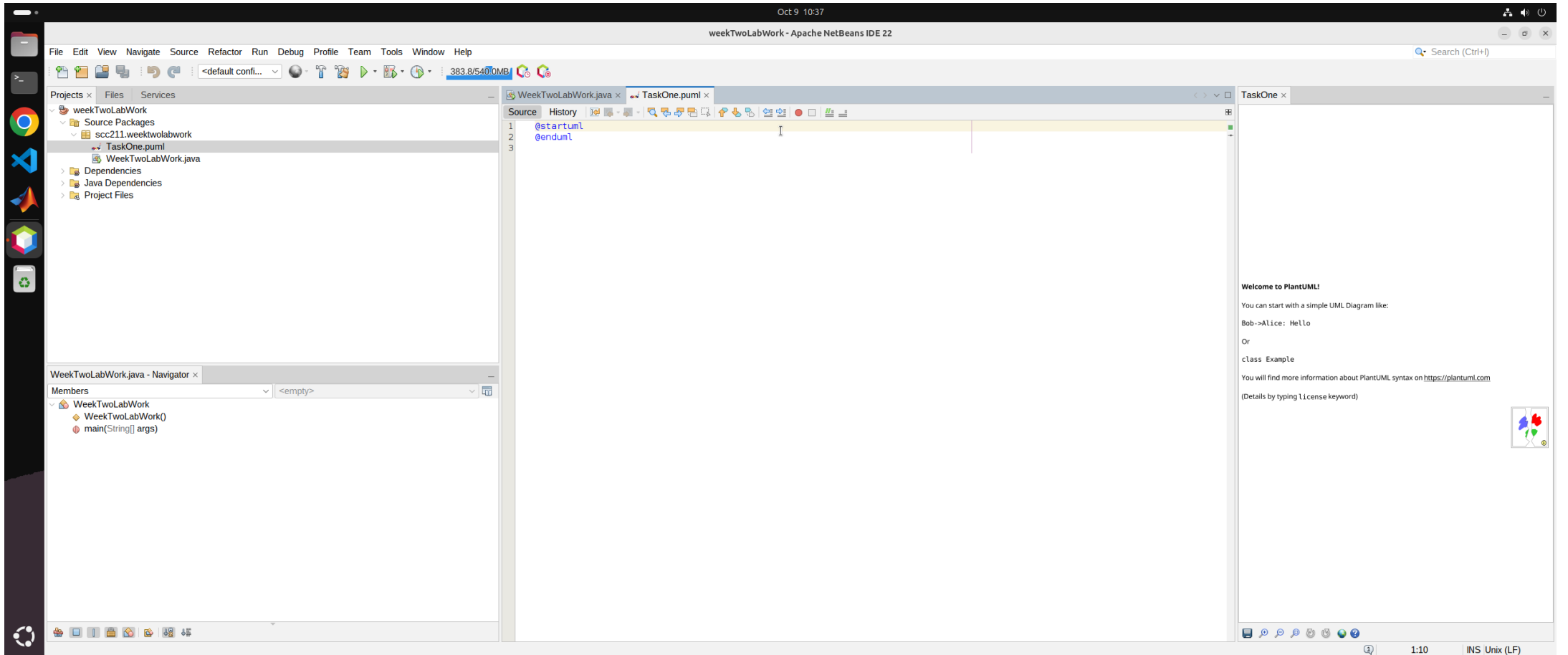












# Some plantUML Use Case Examples:

@startuml

Actor User

Actor Admin

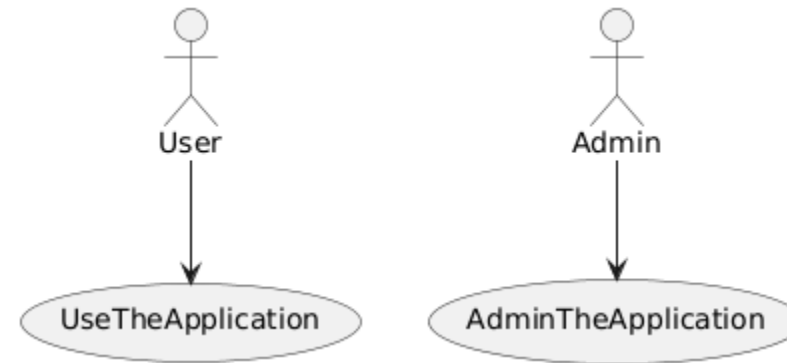
Usecase UseTheApplication

Usecase AdminTheApplication

Admin --> AdminTheApplication

User --> UseTheApplication

@enduml





# Another Use Case Example...

@startuml

left to right direction

actor customer

actor clerk

rectangle EPOS {

    usecase payment

    usecase checkout

    usecase help

customer -- checkout

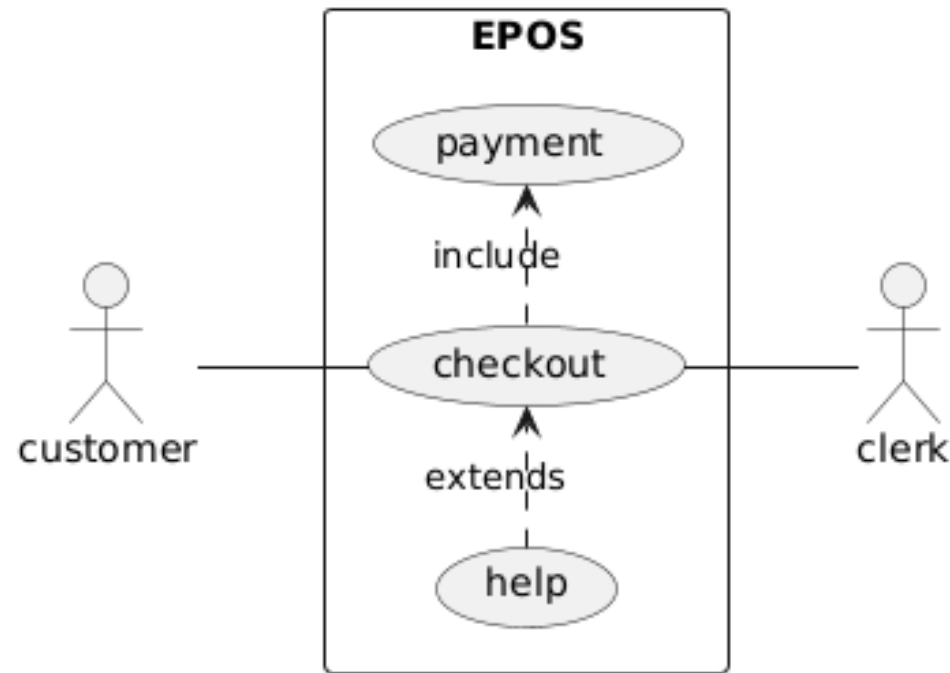
checkout .> payment : include

help .> checkout : extends

checkout -- clerk

}

@enduml



Good luck and give us a shout in labs if need any help 😊