

Group Members:

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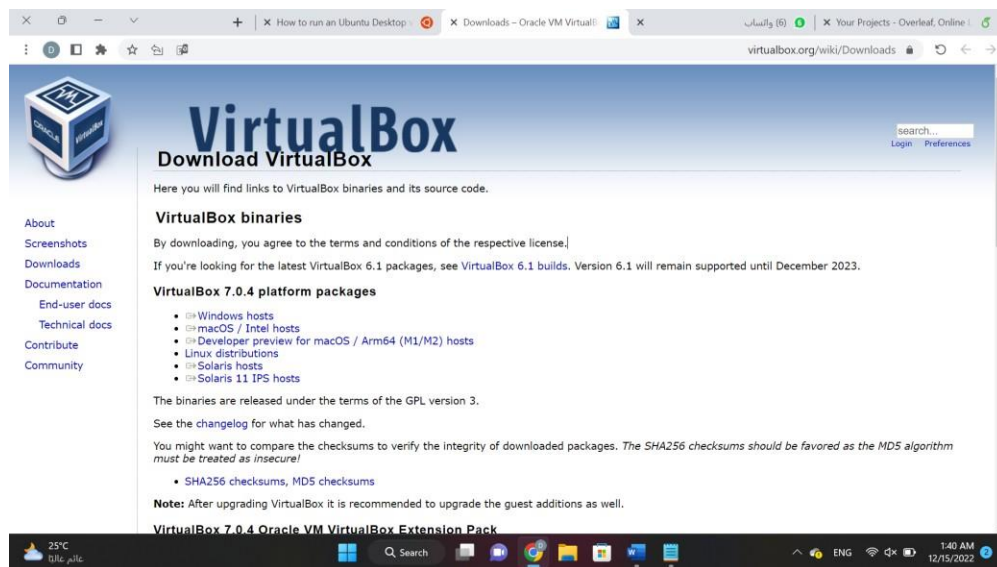
Section:1

Project Title: BMI calculator

Steps for connecting c language to 64-bit assembly language:

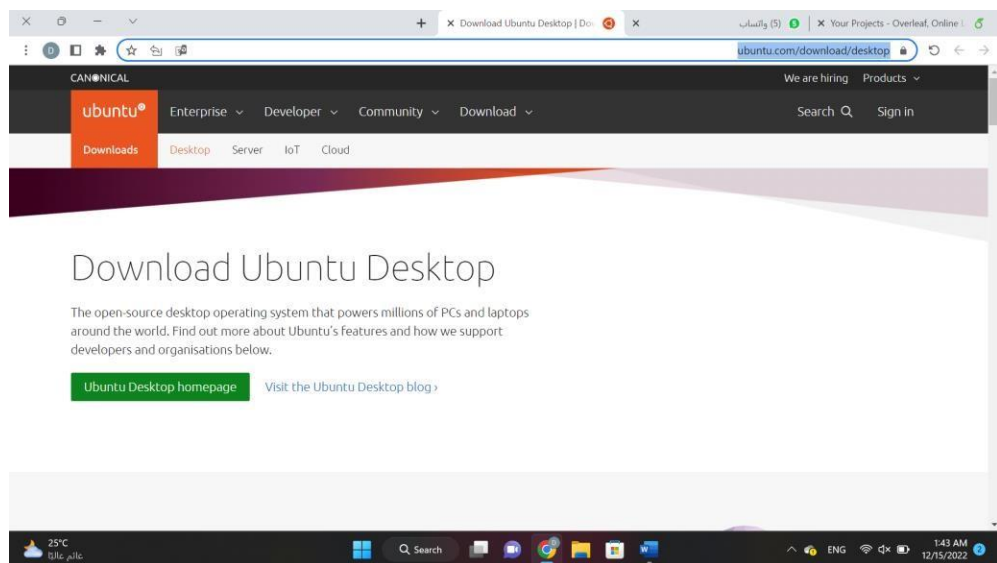
First, we started by downloading the VirtualBox

You can find the link here: <https://www.virtualbox.org/wiki/Downloads>



After installing virtualBox, download ubuntu to run the 64 bit assembly language.

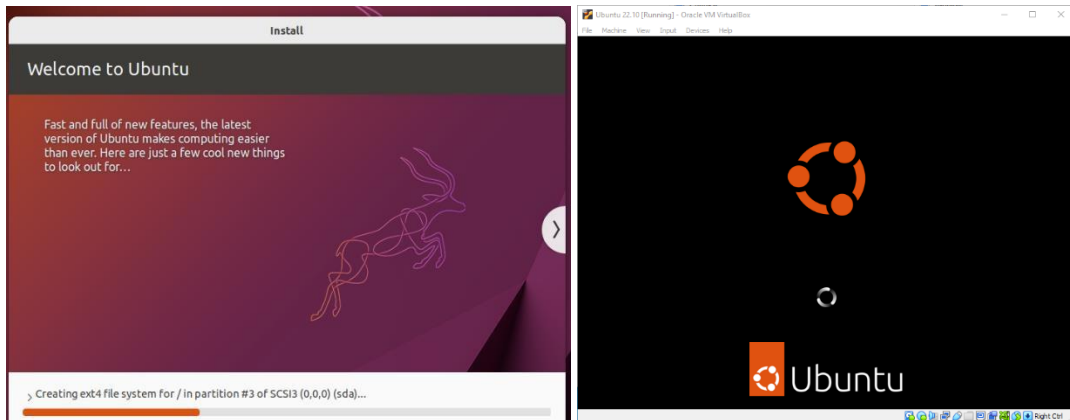
<https://ubuntu.com/download/desktop>



Choose a folder to save it and choose the type linux



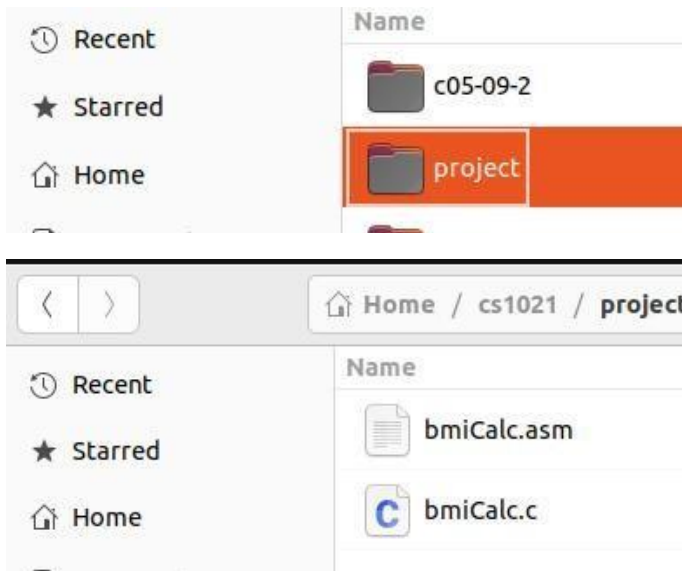
Click start



- write the codes and name them a 'bmiCalc.asm' and 'bmiCalc.c'
- create a (cs 1021) folder



- create (project) folder and save the codes on it



to run the code:

- `cd cs1021/`

- `cd project/`

- open the terminal and write this command (`nasm -f elf64 bmiCalc.asm -o bmiCalc.o`)

- then this command (`gcc -no-pie bmiCalc.c bmiCalc.o -o project`)

- `./project`

```
deema@deema-VirtualBox:~$ cd cs1021/
deema@deema-VirtualBox:~/cs1021$ cd project/
deema@deema-VirtualBox:~/cs1021/project$ nasm -f elf64 bmiCalc.asm -o bmiCalc.o
deema@deema-VirtualBox:~/cs1021/project$ gcc -no-pie bmiCalc.c bmiCalc.o -o project
deema@deema-VirtualBox:~/cs1021/project$ ./project
Enter your weight in kg: 41
Your weight in pounds:
90.389527

Enter youe heigh in CM: 151
Your heigh in Inches:
59.448819

Enter your weight in Pound: 90.389527
Enter your height in Inches: 59.448819
Your BMI is:
17.979888
```

