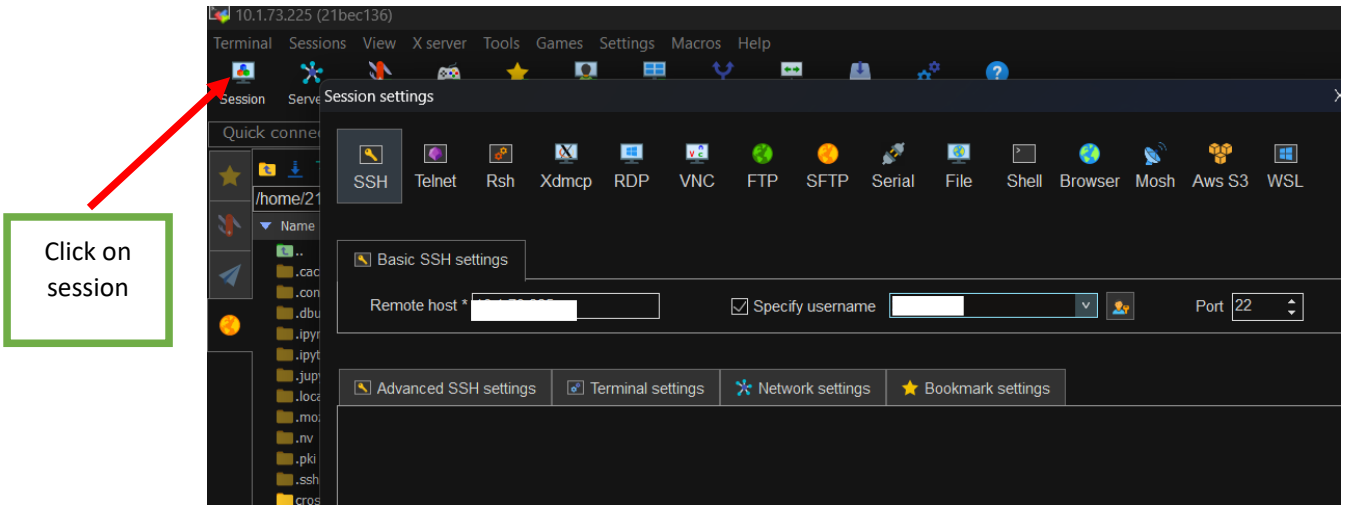
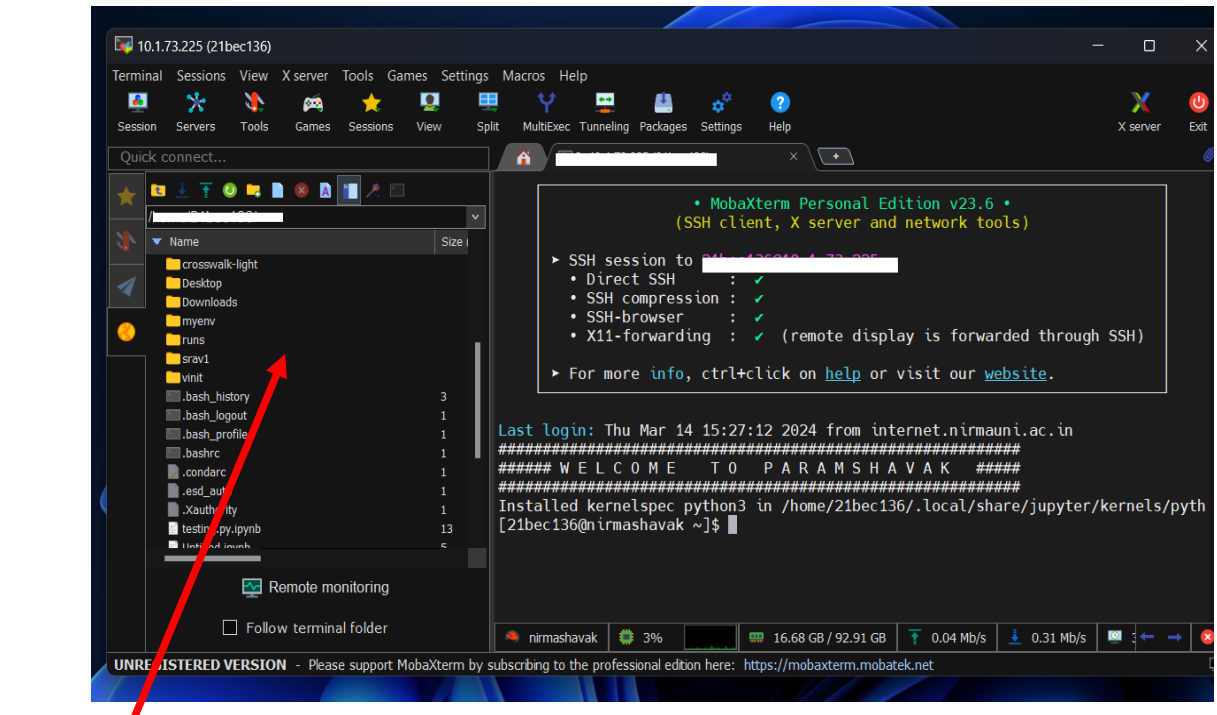
Deep Learning using Param Shavak;

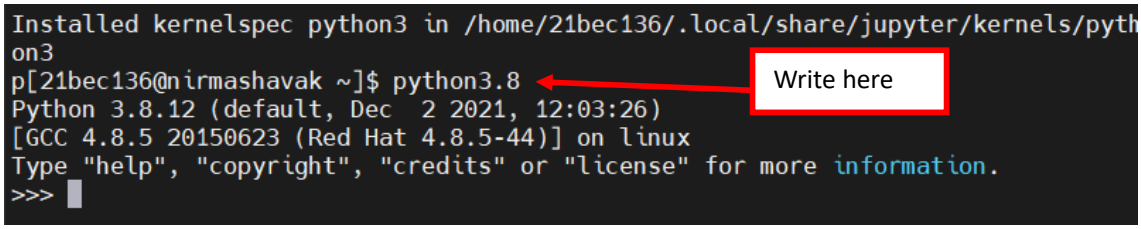
STEP0: connect to nirma vpn and open mobaxterm connect to ssh by IP:



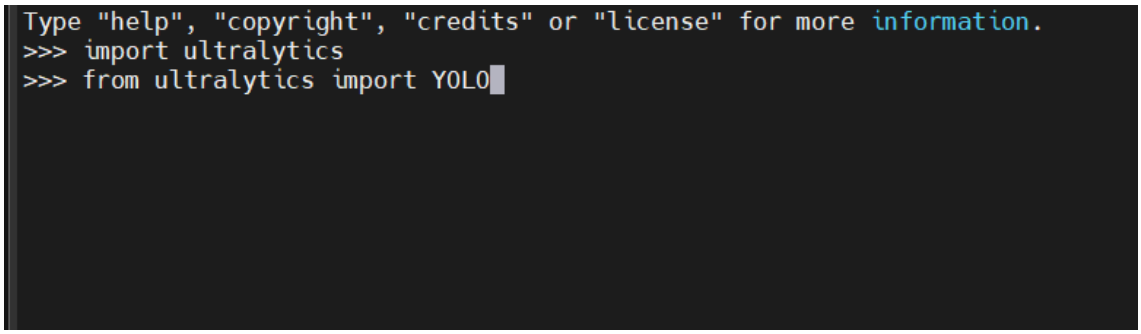
STEP1: So if you want to upload your dataset to the server you just need to drag and drop here is th eg. :



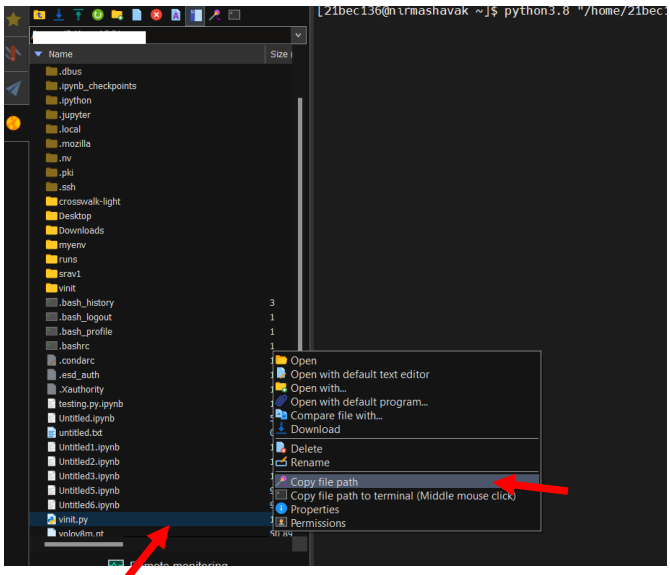
STEP2: After this uploading type “ python3.8 ”



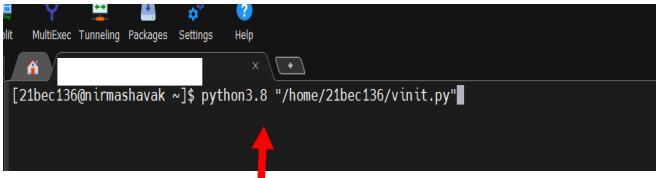
STEP3: Start typing your script here



Step4 (Optional) : If you have a large script then first write in your ide ans save the file as .py then execute it here



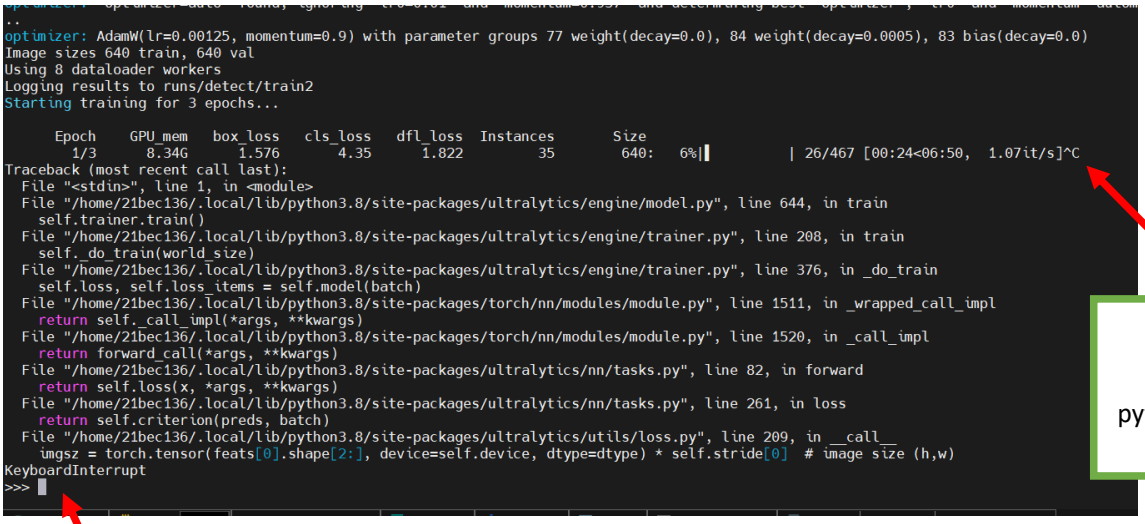
Copy python path



Write python3.8 and paste your path

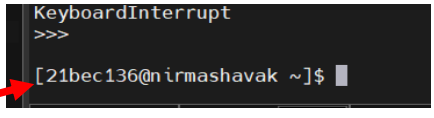
Step5 : If your .py file is running and you want to interrupt it then press **ctrl+c** please don't directly press **ctrl+d/ ctrl+z** otherwise the process would keep running in background and next time you will be short of memory in GPU .

If you want to go to bash from python terminal then press ***ctrl+d*** (**always press ctrl + c before it**)



Ctrl+c to terminate python process

Ctrl+d to go to bash



YOLO ➔

Install ultralytics by pip install ultralytics

Train your model :

training ➔

```
import ultralytics

from ultralytics import YOLO

model=YOLO("yolov8m.pt")

model.train(data="path/to/your/yaml file",epochs = 100)
```

Note: all your weights (last.pt & best.pt)would be saved in runs folder (automatically created)

#to resume your training ➔

```
import ultralytics

from ultralytics import YOLO

model=YOLO("path/to/your/last.pt")

model.train(resume=True)
```

To know more about ultralytics YOLO:

Press here➔

For Dataset in YOLO format:

Visit roboflow ➔