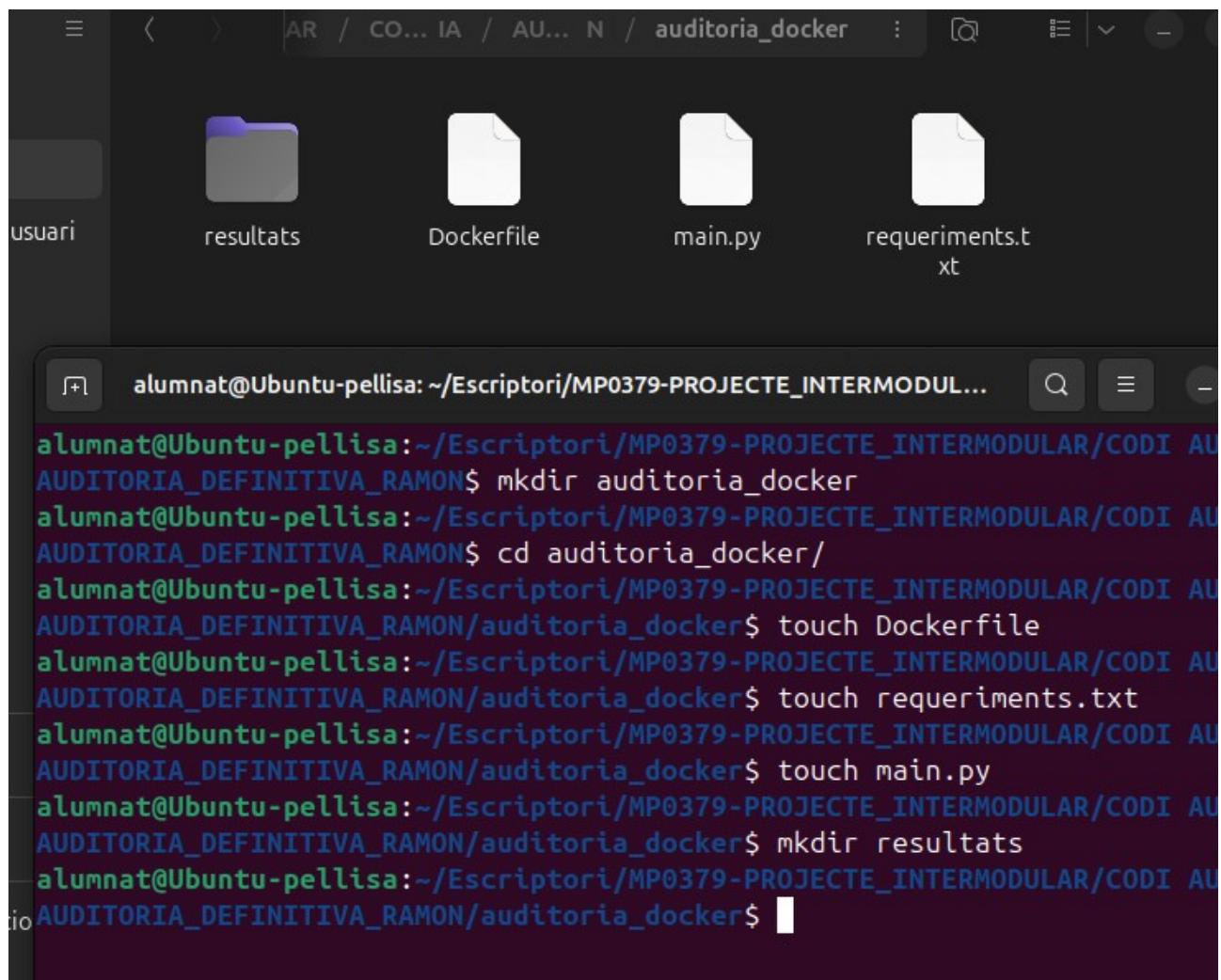


DOCKER



The screenshot shows a terminal window with a dark background. At the top, there's a navigation bar with icons for back, forward, search, and others. Below the bar, the current directory path is displayed: AR / CO... IA / AU... N / auditoria_docker. The main area of the terminal shows a series of commands being run:

```
alumnat@Ubuntu-pellisa:~/Escriptori/MP0379-PROJECTE_INTERMODUL...$ mkdir auditoria_docker
alumnat@Ubuntu-pellisa:~/Escriptori/MP0379-PROJECTE_INTERMODUL...$ cd auditoria_docker/
alumnat@Ubuntu-pellisa:~/Escriptori/MP0379-PROJECTE_INTERMODUL...$ touch Dockerfile
alumnat@Ubuntu-pellisa:~/Escriptori/MP0379-PROJECTE_INTERMODUL...$ touch requeriments.txt
alumnat@Ubuntu-pellisa:~/Escriptori/MP0379-PROJECTE_INTERMODUL...$ touch main.py
alumnat@Ubuntu-pellisa:~/Escriptori/MP0379-PROJECTE_INTERMODUL...$ mkdir resultats
alumnat@Ubuntu-pellisa:~/Escriptori/MP0379-PROJECTE_INTERMODUL...$
```

On the left side of the terminal, there's a vertical sidebar labeled "usuari". Inside the sidebar, there are four items: a folder icon labeled "resultats", and three document icons labeled "Dockerfile", "main.py", and "requeriments.txt".

```

alumnat@Ubuntu-pellisa:~/Escriptori/MP0379-PROJECTE_INTERMODULAR/CODI AUDITORIA/
GNU nano 7.2                                            Dockerfile *
FROM python:3.9-slim

ENV DEBIAN_FRONTEND=noninteractive

RUN apt-get update && apt-get install -y \
    git \
    build-essential \
    libxml2-dev \
    libxslt1-dev \
    && rm -rf /var/lib/apt/lists/*

WORKDIR /app

COPY requirements.txt /app/
RUN pip install --no-cache-dir -r requirements.txt

RUN pip install theHarvester

COPY . /app

RUN mkdir -p /app/dades

ENTRYPOINT ["python", "main.py"]

```

```

alumnat@Ubuntu-pellisa:~/Escriptori/MP0379-PROJECTE_INTERMODULAR/CODI AUDITORIA/AUDITORIA_DEFINITIVA_RAMON$ cd auditoria_docker/
alumnat@Ubuntu-pellisa:~/Escriptori/MP0379-PROJECTE_INTERMODULAR/CODI AUDITORIA/AUDITORIA_DEFINITIVA_RAMON/auditoria_docker$ docker build -t auditoria_pen2 .
[+] Building 118.5s (15/15) FINISHED                               docker:default
=> [internal] load build definition from Dockerfile           0.0s
=> => transferring dockerfile: 1.76kB                         0.0s
=> [internal] load metadata for docker.io/library/python:3.9-slim   0.9s
=> [internal] load .dockerignore                                0.0s
=> => transferring context: 2B                                0.0s
=> CACHED [ 1/10] FROM docker.io/library/python:3.9-slim@sha256:2d97f691  0.0s
=> [internal] load build context                            0.0s
=> => transferring context: 65B                             0.0s
=> [ 2/10] WORKDIR /app                                     0.1s
=> [ 3/10] RUN apt-get update && apt-get install -y      git      build-e 48.6s
=> [ 4/10] RUN git clone https://github.com/portcullislabs/enum4linux.git  1.0s
=> [ 5/10] RUN pip3 install ssh-audit                      2.9s
=> [ 6/10] COPY main.py /app/main.py                      0.0s
=> [ 7/10] RUN chmod +x /app/main.py                     0.2s
=> [ 8/10] RUN useradd -m -u 1000 secaudit &&      chown -R secaudit:seca 0.3s
=> [ 9/10] COPY requirements.txt /app/requirements.txt     0.0s
=> [10/10] RUN pip3 install --user -r requirements.txt      61.5s
=> exporting to image                                         2.8s
=> => exporting layers                                       2.8s
=> => writing image sha256:508f954e5d335c1cdb8a3520c1feb0a2f59f9343e13fa  0.0s
alumnat@Ubuntu-pellisa:~/Escriptori/MP0379-PROJECTE_INTERMODULAR/CODI AUDITORIA/AUDITORIA_DEFINITIVA_RAMON/auditoria_docker$ 

```

```
alumnat@Ubuntu-pellisa:~/Escriptori/MP0379-PROJECTE_INTERMODULAR/CODI AUDITORIA$ docker images
IMAGE          ID          DISK USAGE    CONTENT SIZE  In Use
auditoria_pen2:latest  508f954e5d33   796MB          0B
auditoria_pendrive:latest  59a89a5657b3   609MB          0B
gns3/chromium:latest  78e98070dfe2   750MB          0B
gns3/ipterm:latest  21056db1c785   110MB          0B
gns3/ubuntu:focal  cf37c7335b09   124MB          0B
alumnat@Ubuntu-pellisa:~/Escriptori/MP0379-PROJECTE_INTERMODULAR/CODI AUDITORIA$
```

```
alumnat@Ubuntu-pellisa:~/Escriptori/MP0379-PROJECTE_INTERMODULAR/CODI AUDITORIA$ docker save -o auditoria_pen2.tar auditoria_pen2
alumnat@Ubuntu-pellisa:~/Escriptori/MP0379-PROJECTE_INTERMODULAR/CODI AUDITORIA$ ls
auditoria_pen2.tar  Dockerfile  main.py  requirements.txt  resultats
alumnat@Ubuntu-pellisa:~/Escriptori/MP0379-PROJECTE_INTERMODULAR/CODI AUDITORIA$
```

DINS DEL USB

1 Comprova que el pendrive està muntat i veus el fitxer .tar
ls /media/ubuntu/PENDRIVE/

2 Carrega la imatge Docker al Live
docker load < /media/ubuntu/PENDRIVE/auditoria_pendrive.tar

3 Executa l'auditoria amb volum per resultats
docker run -it --rm -v /media/ubuntu/PENDRIVE/resultats:/app/dades auditoria_pendrive

CLIENT:

```
alumnat@Ubuntu-pellisa:/media/alumnat/AUDITORIA$ xhost +local:docker
non-network local connections being added to access control list
alumnat@Ubuntu-pellisa:/media/alumnat/AUDITORIA$ docker load < /media/ubuntu/PENDRIVE/auditoria_pendrive.tar
bash: /media/ubuntu/PENDRIVE/auditoria_pendrive.tar: El fitxer o directori no existeix
alumnat@Ubuntu-pellisa:/media/alumnat/AUDITORIA$ docker load < auditoria_pendrive.tar
Loaded image: auditoria_pendrive:latest
alumnat@Ubuntu-pellisa:/media/alumnat/AUDITORIA$
```

```
alumnat@Ubuntu-pellisa:/media/alumnat/AUDITORIA$ docker run -it --rm \  
-e DISPLAY=$DISPLAY \  
-v /tmp/.X11-unix:/tmp/.X11-unix \  
-v /media/ubuntu/PENDRIVE/resultats:/app/dades \  
auditoria_pendrive
```

```
alumnat@Ubuntu-pellisa:/media/alumnat/AUDITORIA$ xhost +local:docker  
non-network local connections being added to access control list  
alumnat@Ubuntu-pellisa:/media/alumnat/AUDITORIA$ docker run -it --rm --privileged \  
--network host \  
-e DISPLAY=$DISPLAY \  
-v /tmp/.X11-unix:/tmp/.X11-unix \  
auditoria_pen2
```