**Making of azure Virtual machine with 16 gb ram and 4 vcpu**

**az vm create \**

**--resource-group YuvrajRgDocker \**

**--name Yuvrajvm \**

**--image Ubuntu2204 \**

**--admin-username azureuser \**

**--size Standard\_D4s\_v3 \**

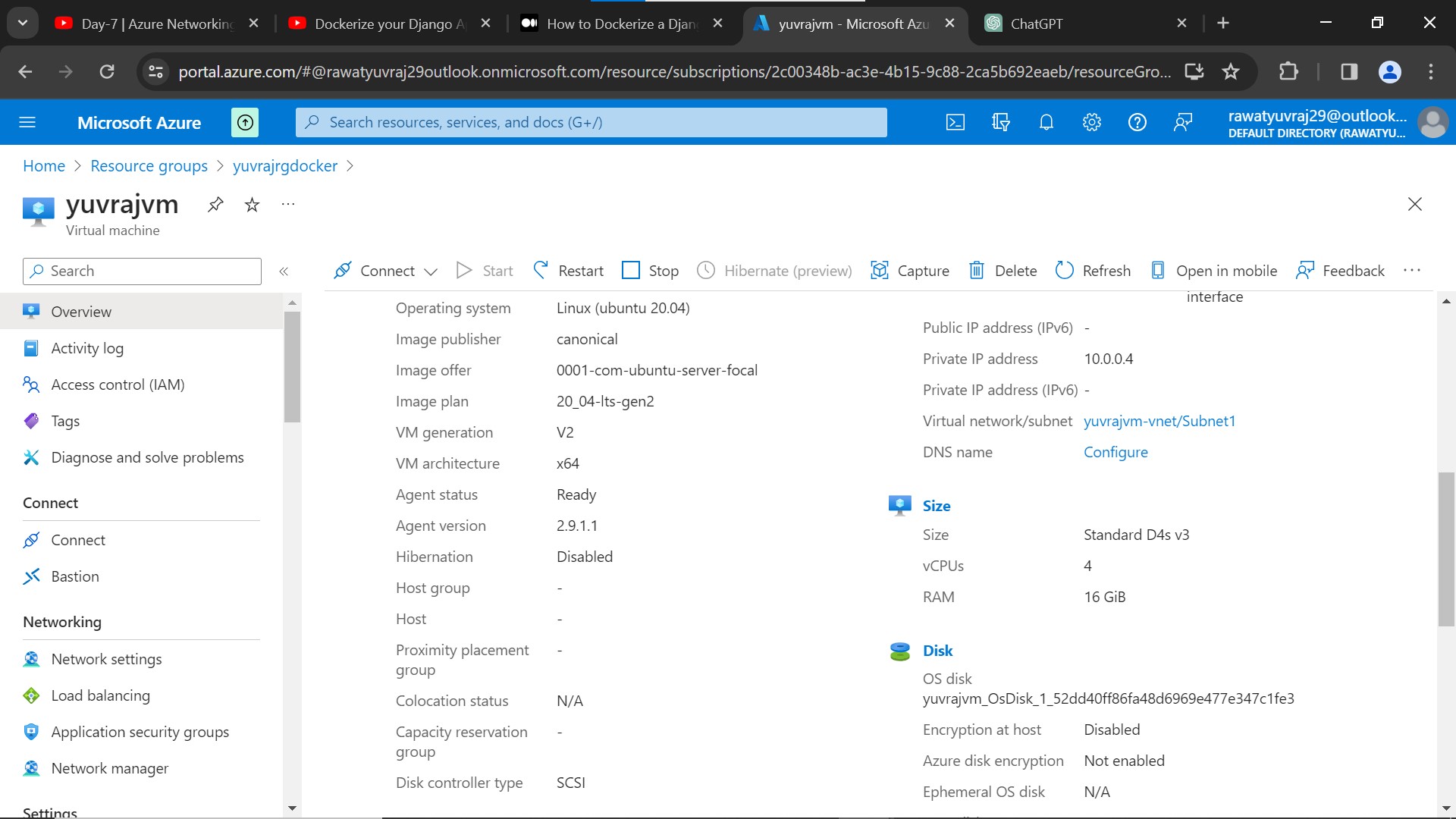
**--vnet-name MyVNet \**

**--subnet MySubnet \**

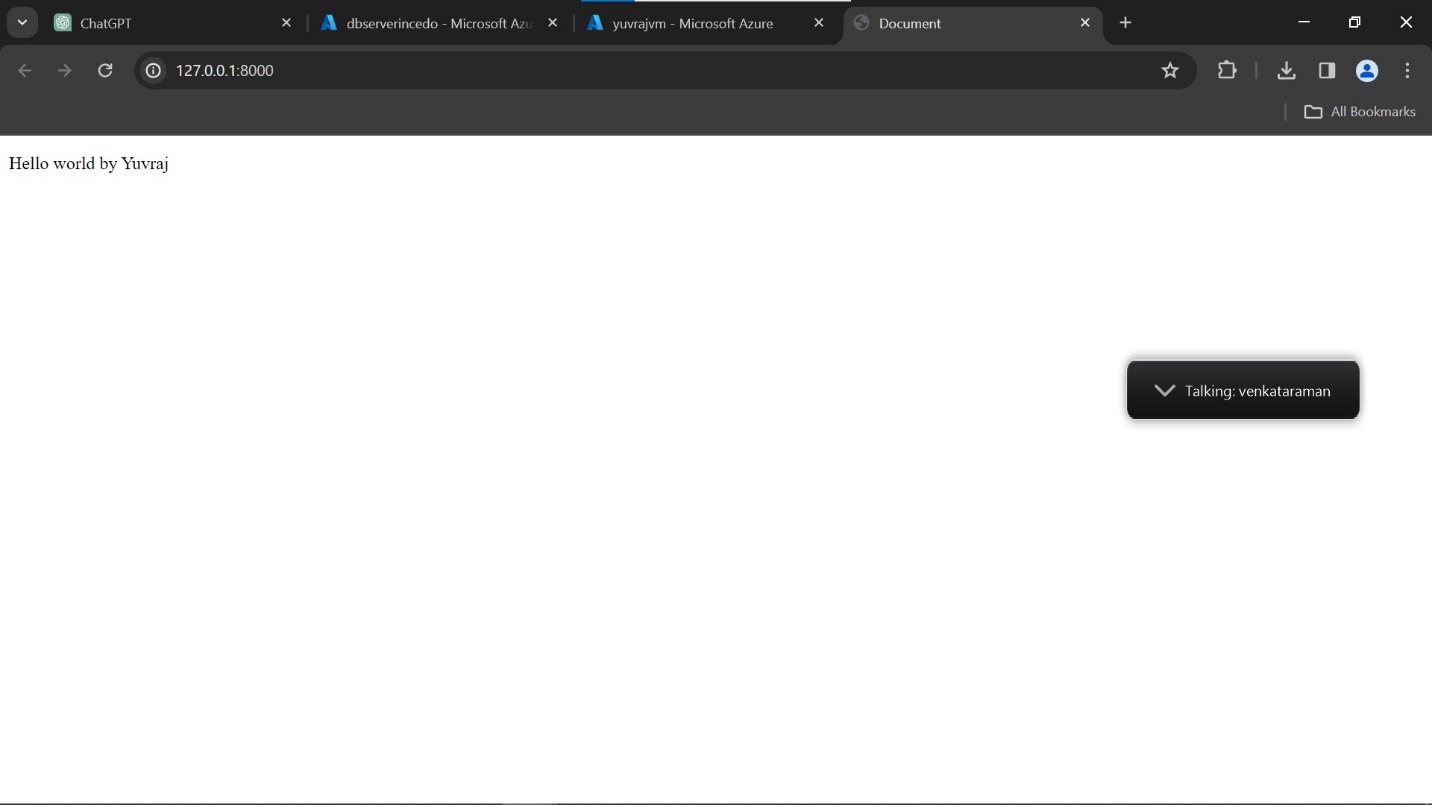
**--public-ip-address-dns-name myuniquepublicdnsname \**

**--authentication-type ssh \**

**--ssh-key-value @~/.ssh/id\_rsa.pub**

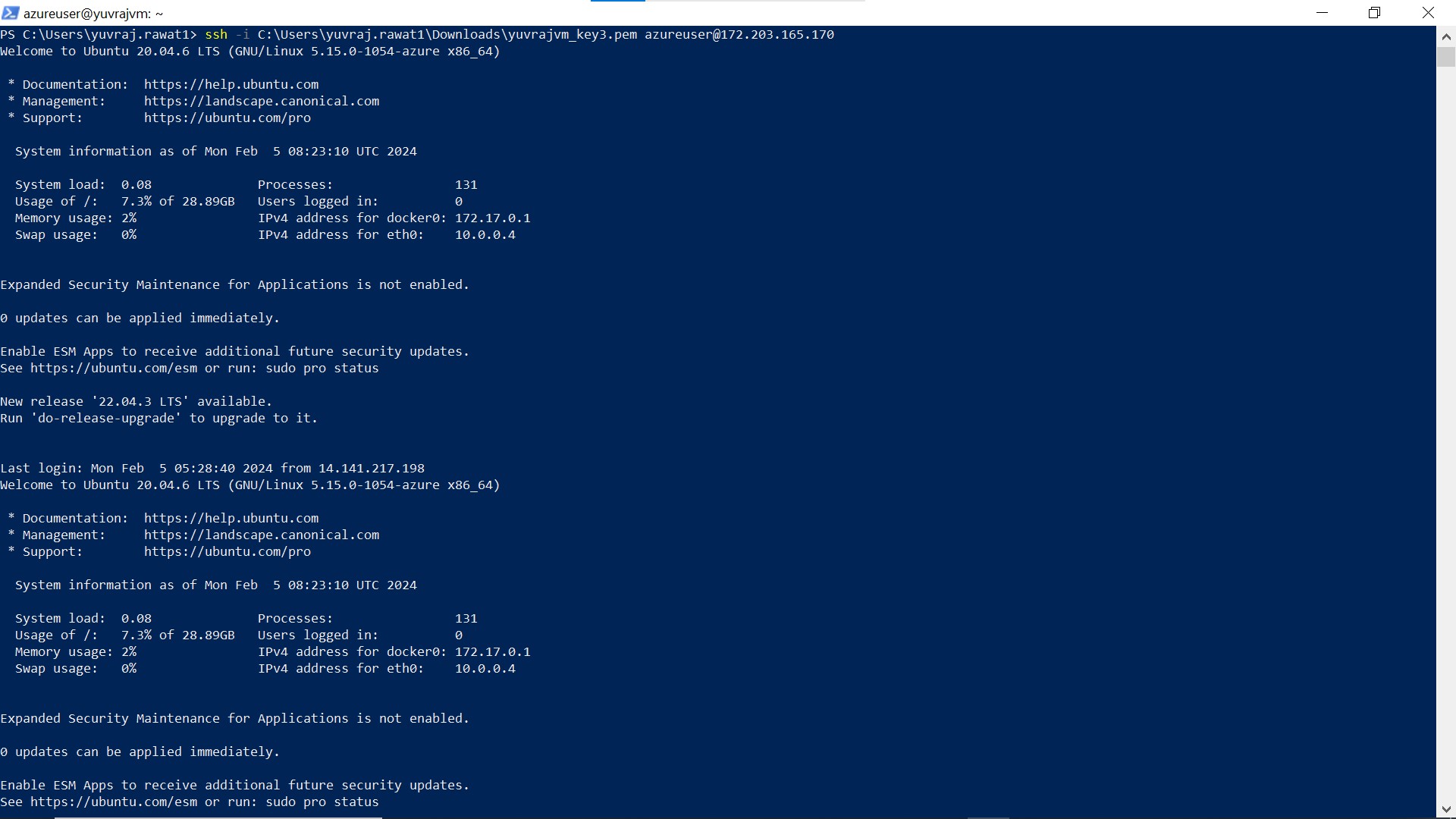


–sample django project



**– connecting to virtual machine using ssh**

**ssh -i C:\Users\yuvraj.rawat1\Downloads\yuvrajvm\_key3.pem azureuser@172.203.165.170**



**–Installing docker on virtual machine**

**sudo apt-get update**

**sudo apt-get install apt-transport-https ca-certificates curl software-properties-common**

**curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo apt-key add -**

**sudo apt-key fingerprint 0EBFCD88**

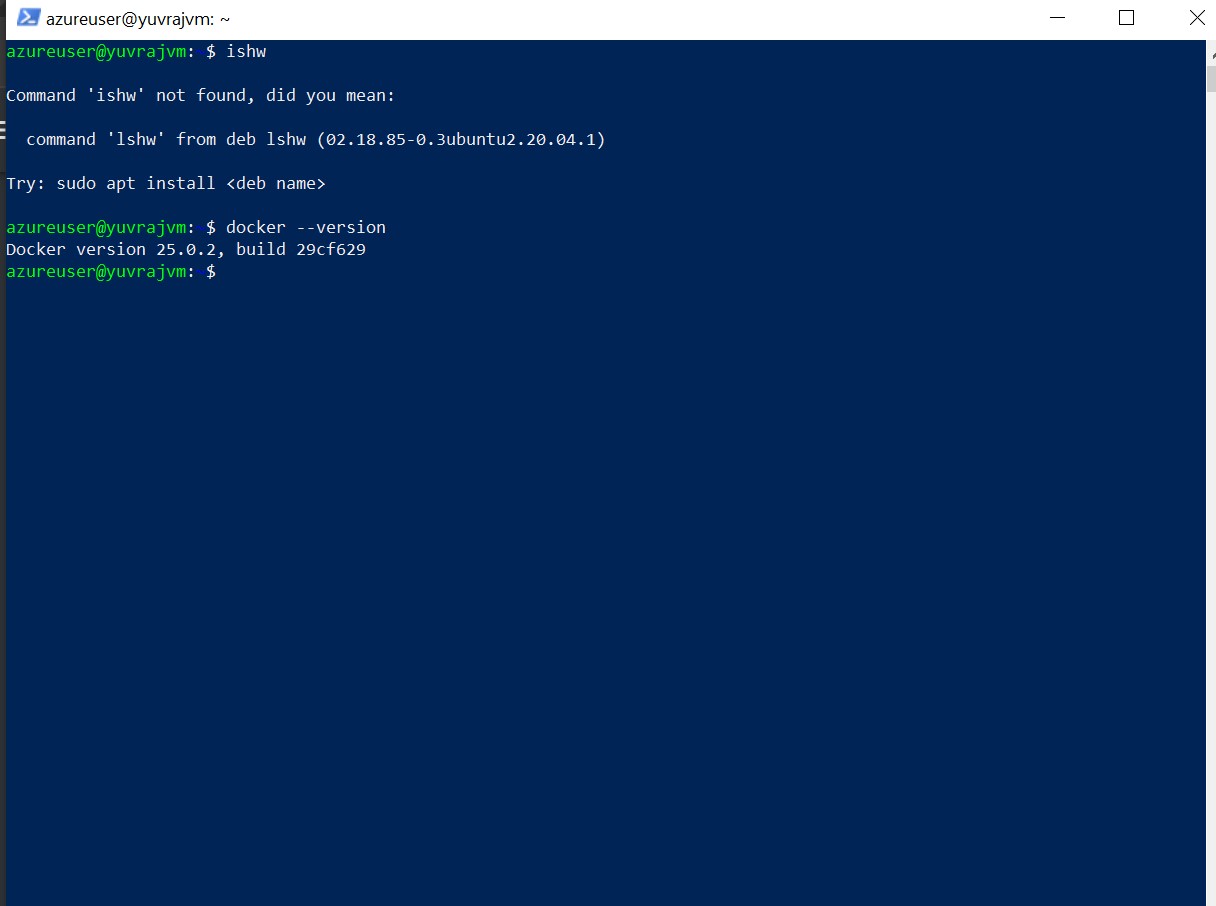
**sudo add-apt-repository "deb [arch=amd64] https://download.docker.com/linux/ubuntu $(lsb\_release -cs) stable"**

**sudo apt-get update**

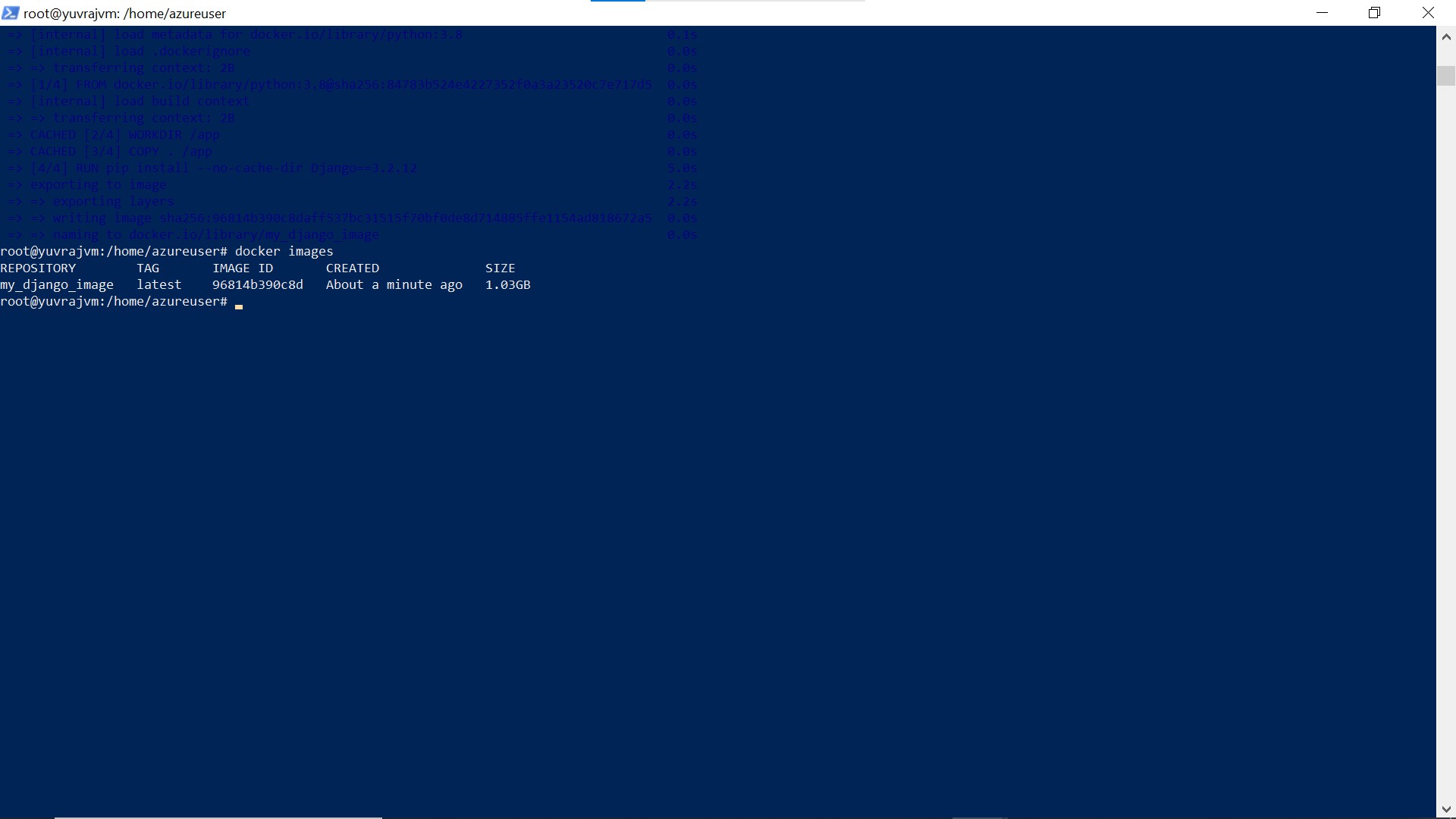
**sudo apt-get install docker-ce docker-ce-cli containerd.io**

**sudo usermod -aG docker $USER**

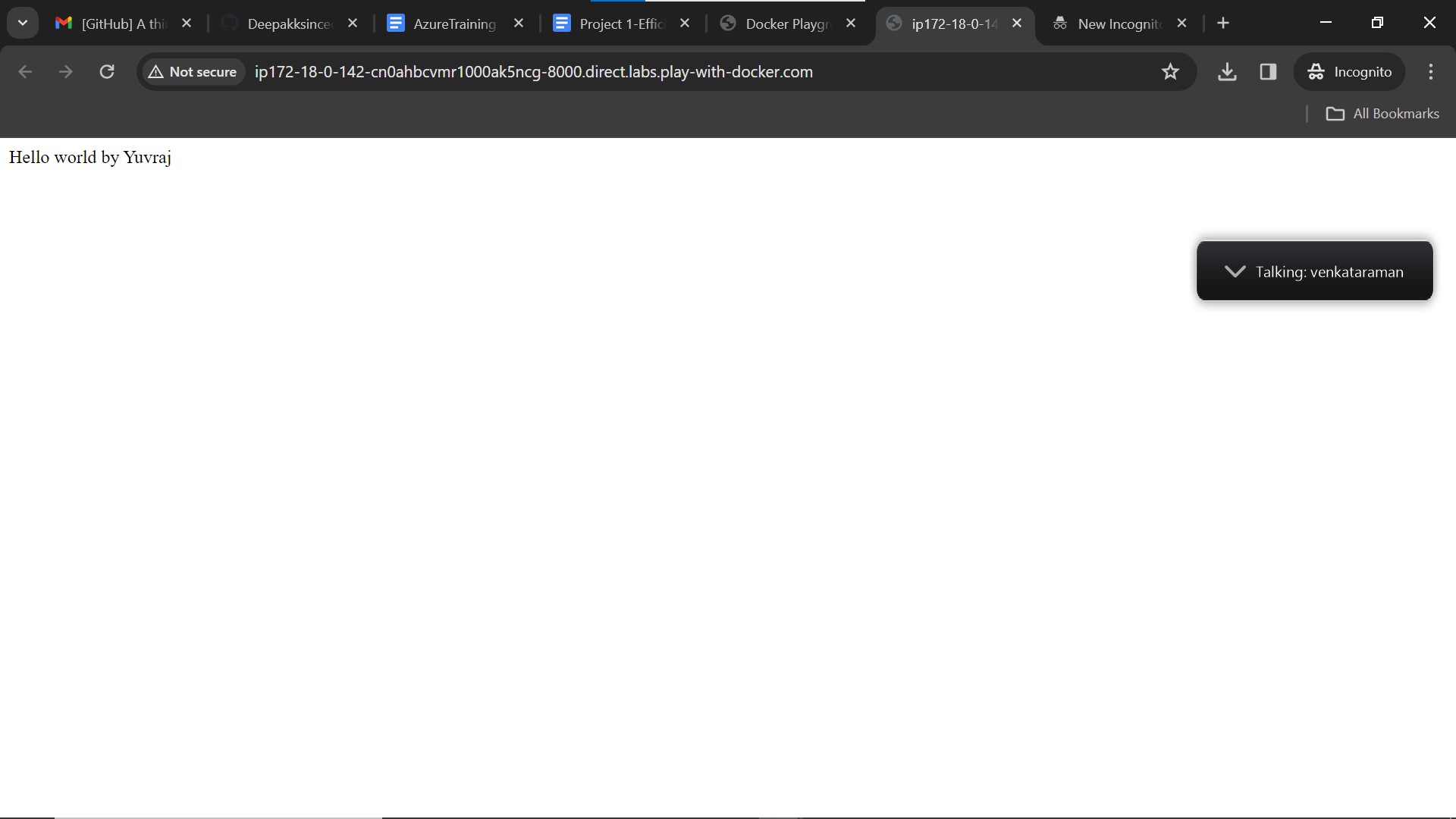
**sudo docker run hello-world**

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**– creating django image and containerizing it**

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**– Docker project using Docker play**

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