**Docker** is defined as the platform for containerizing the applications to isolate it from each other in order to ensure high availability and more efficiency irrespective of the environments such as **Development, Testing or Production.**

(Docker=Container Engine)

**Containers are therefore smaller than Virtual Machines and enable**faster startup**with**better performance**,**less isolation**and**greater compatibility**possible due to**sharing**of the host’s kernel.**

**sudo yum update –y**

**sudo amazon-linux-extras install docker -y**

**sudo systemctl start docker**

**sudo systemctl enable docker**

**sudo systemctl status docker**

**sudo usermod -a -G docker ec2-user**

**newgrp docker**

**docker version**

export PS1='\[\033[01;31m\]\u\[\033[00m\]\[\033[01;33m\]@\h\[\033[00m\]\[\033[01;32m\]\w\[\033[01;36m\]:\$\[\033[00m\]'

export PS1="\[\e[1;34m\]\u\[\e[33m\]@\h# \W:\[\e[32m\]\\$\[\e[m\] "

**docker run –help**

**docker run -i -t ubuntu**

**docker ps –a**

**docker container ls –a**

**docker run -i -t --name clarus ubuntu**

**docker start 4e6**

**docker stop 4e6 && docker container ls –a**

**docker exec -it clarus**

**docker inspect clarus**

**docker rm 4e6**

**docker rm adm**

**docker rm –f adm**

**docker prone adm**

**-d (detach)**

**&(komutu arka planda çalıştırır)**