In this example I am running Jenkins on my ubuntu laptop (By using awscli commend in Jenkins job)

**Step -1**

In local Machine install awscli for Linux (apt (yum) install awscli)

**Step-2**

**1.Download cloudbees plugin to local Jenkins.**

**2. Store AWS IAM credentials in Jenkins at Credentials.**

## Credentials- System (Jenkins) -Global credentials (unrestricted)-Add credentials (select kind as aws credential)

## Give Access Key ID & Secret Access Key (it is your AWS IAM users)

**3.(create Job) Create a project by selecting the aws credentials at**

**Build Environment > "Use secret text(s) or file(s)" >**

**Bindings > Add > select your KEY ID**

**4. In Build step add this command (execute shell) (if it is Linux machine)**

**aws ec2 run-instances --image-id ami-0ad42f4f66f6c1cc9 --count 1 --instance-type t2.micro --key-name YourkeyPairName --security-group-ids sg-xxxxxx --subnet-id subnet-xxxxx --region xxxxxxxx --block-device-mappings"[{\"DeviceName\":\"/dev/sdf\",\"Ebs\":{\"VolumeSize\":xxx,\"DeleteOnTermination\":false}}]"**

**5. Save and Build the Job.**

**Note: change the parameters in the above command**

**Ref video link: - https://www.youtube.com/watch?v=MiHI2FNdI28**