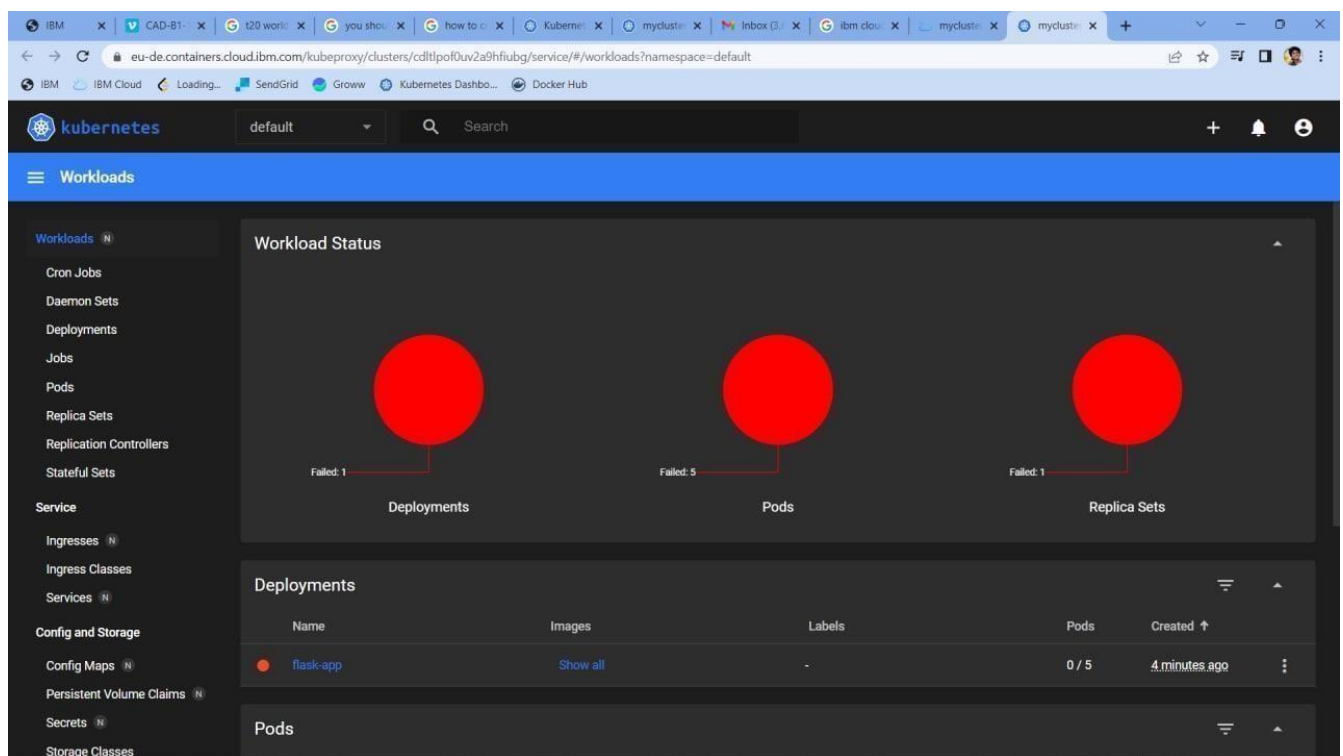


Deployment in Kubernetes

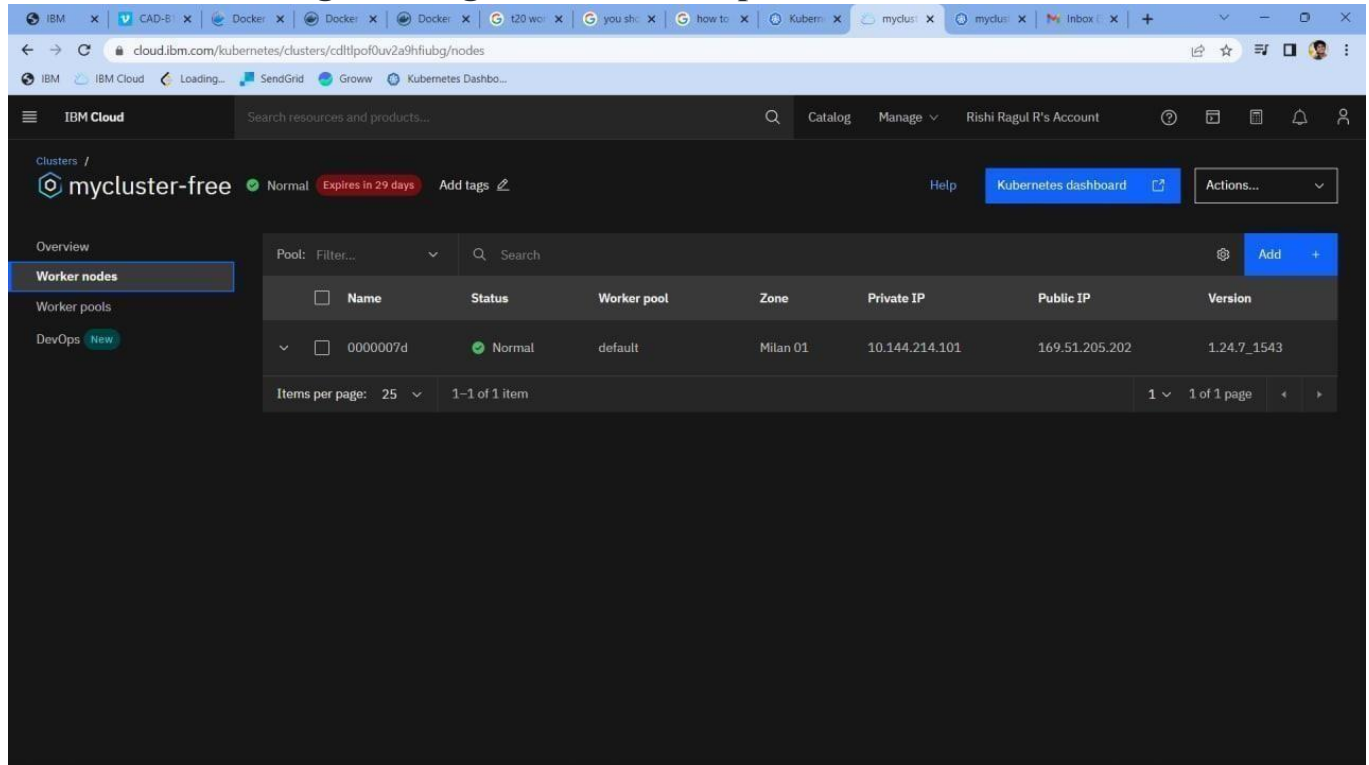
Student Name	Praveen Kumar S
Student Roll Number	610519104079

Question:

1. Login to IBM cloud account and create free Kubernetes services



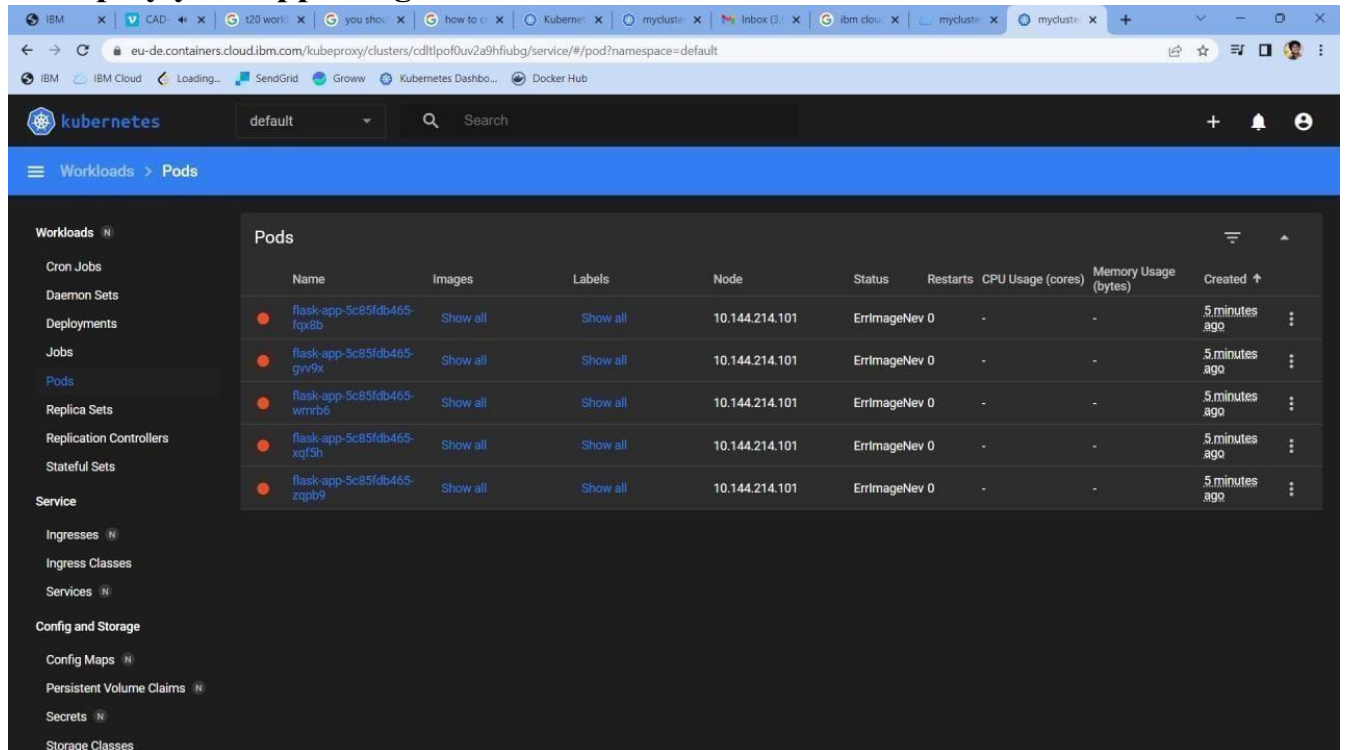
2. Click on working node tag to note cluster Ip.



The screenshot shows the IBM Cloud Kubernetes dashboard for a cluster named 'mycluster-free'. The 'Worker nodes' tab is selected, displaying a table of nodes. The table has columns for Name, Status, Worker pool, Zone, Private IP, Public IP, and Version. One node is listed with ID '0000007d', status 'Normal', and public IP '169.51.205.202'.

Name	Status	Worker pool	Zone	Private IP	Public IP	Version
0000007d	Normal	default	Milan 01	10.144.214.101	169.51.205.202	1.24.7_1543

3. deploy your app using Kubernetes command



The screenshot shows the Kubernetes dashboard for a cluster named 'eu-de.containers.cloud.ibm.com/kubeproxy/clusters/cdltpof0uv2a9hfiubg/service/#/pod?namespace=default'. The 'Pods' tab is selected, displaying a table of pods. The table has columns for Name, Images, Labels, Node, Status, Restarts, CPU Usage (cores), Memory Usage (bytes), and Created. Five pods are listed, all with status 'ErrImageNev 0'.

Name	Images	Labels	Node	Status	Restarts	CPU Usage (cores)	Memory Usage (bytes)	Created
flask-app-Sc85fdb465-fqx8b	Show all	Show all	10.144.214.101	ErrImageNev 0	-	-	-	5 minutes ago
flask-app-Sc85fdb465-gvv9x	Show all	Show all	10.144.214.101	ErrImageNev 0	-	-	-	5 minutes ago
flask-app-Sc85fdb465-wmr66	Show all	Show all	10.144.214.101	ErrImageNev 0	-	-	-	5 minutes ago
flask-app-Sc85fdb465-xqf5h	Show all	Show all	10.144.214.101	ErrImageNev 0	-	-	-	5 minutes ago
flask-app-Sc85fdb465-zqpb9	Show all	Show all	10.144.214.101	ErrImageNev 0	-	-	-	5 minutes ago