Node port:

Cluster IP:
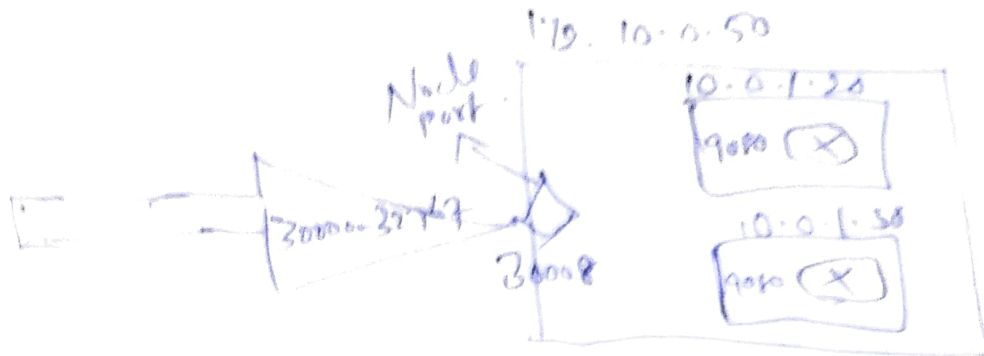
This is default type Expose the service on cluster Internal IP. You can reach the service only from within the cluster.

Load balancer

This service type exposes the services externally using the load balancer of your cloud provider. The external load balancer routes to your Node port and cluster IP services.
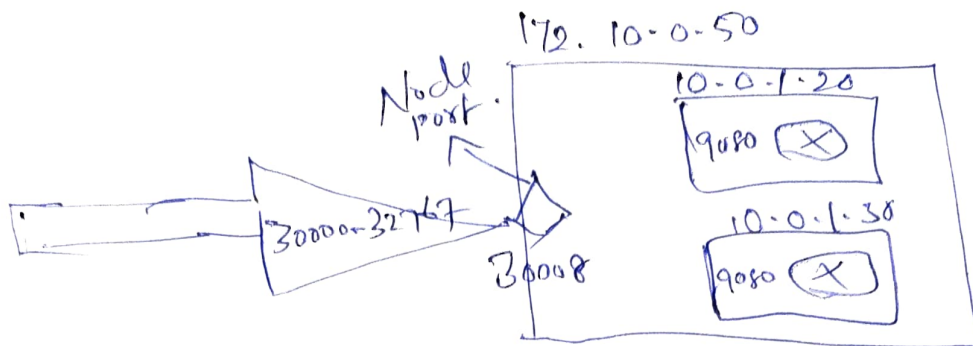
Ingress:

Ingress exposes Http and Https routes from outside the cluster services within the cluster - traffic routing is controlled by rules defined on the Ingress resource.

Node port.

client

172.10.0.50
10.0.1.20
9080 ✗

30000-32767

Node port.

30008
10.0.1.30
9080 ✗

Cluster Ip.

This is default type Exposes the service on Cluster Internal Ip. You can reach the service only from with in the cluster.

Load balancer

This service type exposes the services externally using the load balancer of your cloud provider. The external load balancer routes to your Node port and Cluster Ip services.

Ingress:

Ingress exposes http and https routes from outside the cluster services with in the cluster - traffic routing for controlled by rules defined on the ingress resource.