```
DR@DESKTOP-2PMUM4M MINGW64 /d/Mahfuz/Vagrant/kubernetes/yamls
$ ls
1-nginx-daemonset.yaml    12-podpreset-1.yaml    4-nfs-nginx.yaml         5-secrets.yaml              7-pod-quota-mem.yaml        cert-manager-demo/
1-nginx-deployment.yaml   12-podpreset-2.yaml    4-pv-hostpath.yaml       6-configmap-1.yaml          7-quota-count.yaml          glusterfs-provisioner/
1-nginx-pod.yaml          12-podpreset-3.yaml    4-pv-nfs.yaml            6-configmap-2.yaml          7-quota-limitrange.yaml     ingress-demo/
1-nginx-replicaset.yaml   2-cronjob.yaml         4-pvc-hostpath.yaml      6-pod-configmap-env.yaml    7-quota-mem.yaml            istio-demo/
10-hpa-mem.yaml           2-job.yaml             4-pvc-nfs.yaml           6-pod-configmap-mysql-volume.yaml  8-nginx-rolling-update.yaml   misc/
10-hpa.yaml               3-init-container.yaml  5-pod-secret-env.yaml    6-pod-configmap-volume.yaml 9-sts-nginx.yaml            mongodb/
11-pdb.yaml               4-busybox-pv-hostpath.yaml  5-pod-secret-volume.yaml  7-pod-quota-mem-exceed.yaml  9-sts-pv.yaml          nfs-provisioner/

DR@DESKTOP-2PMUM4M MINGW64 /d/Mahfuz/Vagrant/kubernetes/yamls
$ cat 4-pv-hostpath.yaml
apiVersion: v1
kind: PersistentVolume
metadata:
  name: pv-hostpath
  labels:
      type: local
spec:
  storageClassName: manual
  capacity:
    storage: 1Gi
  accessModes:
    - ReadWriteOnce
  hostPath:
    path: "/kube"

DR@DESKTOP-2PMUM4M MINGW64 /d/Mahfuz/Vagrant/kubernetes/yamls
$ kubectl create -f 4-pv-hostpath.yaml
persistentvolume/pv-hostpath created

DR@DESKTOP-2PMUM4M MINGW64 /d/Mahfuz/Vagrant/kubernetes/yamls
$ kubectl get pv
NAME          CAPACITY   ACCESS MODES   RECLAIM POLICY   STATUS      CLAIM   STORAGECLASS   REASON   AGE
pv-hostpath   1Gi        RWO            Retain           Available           manual                  17s
```

```
DR@DESKTOP-2PMUM4M MINGW64 /d/Mahfuz/Vagrant/kubernetes/yamls
$ cat 4-pvc-hostpath.yaml
apiVersion: v1
kind: PersistentVolumeClaim
metadata:
  name: pvc-hostpath
spec:
  storageClassName: manual
  accessModes:
    - ReadWriteOnce
  resources:
    requests:
      storage: 100Mi

DR@DESKTOP-2PMUM4M MINGW64 /d/Mahfuz/Vagrant/kubernetes/yamls
$ kubectl create -f 4-pvc-hostpath.yaml
persistentvolumeclaim/pvc-hostpath created

DR@DESKTOP-2PMUM4M MINGW64 /d/Mahfuz/Vagrant/kubernetes/yamls
$ kubectl get pvc
NAME           STATUS   VOLUME        CAPACITY   ACCESS MODES   STORAGECLASS   AGE
pvc-hostpath   Bound    pv-hostpath   1Gi        RWO            manual         8s

DR@DESKTOP-2PMUM4M MINGW64 /d/Mahfuz/Vagrant/kubernetes/yamls
$ kubectl get pv,pvc
NAME                           CAPACITY   ACCESS MODES   RECLAIM POLICY   STATUS   CLAIM                  STORAGECLASS   REASON   AGE
persistentvolume/pv-hostpath   1Gi        RWO            Retain           Bound    default/pvc-hostpath   manual                  4m47s

NAME                                 STATUS   VOLUME        CAPACITY   ACCESS MODES   STORAGECLASS   AGE
persistentvolumeclaim/pvc-hostpath   Bound    pv-hostpath   1Gi        RWO            manual         17s
```