DEPLOY A WEB APPICATION USING KUBERNETES

- 1. Start Minikube:
 - Run minikube start to start your local Kubernetes cluster.
- 2. Navigate to the Deployment Directory:
 - ☐ Go to the directory containing your YAML files:

```
bash
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cd ~/Devops/kubernetes/deploy/yaml/apache_phpadmin_mysql/PHPMYADMIN_MYSQL
```

- 3. Apply Namespace:
 - Apply thenamespace.yamlconfiguration:

```
bash
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kubectl apply -f namespace.yaml
```

- 4. Deploy Resources in the Namespace:
 - ☑ Apply the resources in the lampdemo namespace:

```
bash
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kubectl apply -n lampdemo -k ./
```

- 5. Check Pods:
 - Verify that the pods are running:

```
bash
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kubectl get po -n lampdemo
```

- 6. Check Services:

```
bash
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kubectl get svc -n lampdemo
```

7. Access the Service:

Open the service URL in your browser:

bash CopyEdit minikube service lamp -n lampdemo

8. Verify:

Ensure that the service is accessible at the URL provided (e.g., http://127.0.0.1:35141).

OUTPUT:











