**42. Introduction**

--- the template files in the chart will control what resources will be created on the Kubernetes cluster and how they will be created.

--- service.yml

apiVersion: v1

kind: Service

metadata:

  name: {{ include "firstchart.fullname" . }}

  labels:

    {{- include "firstchart.labels" . | nindent 4 }}

spec:

  type: {{ .Values.service.type }}

  ports:

    - port: {{ .Values.service.port }}

      targetPort: http

      protocol: TCP

      name: http

  selector:

    {{- include "firstchart.selectorLabels" . | nindent 4 }}

--- Helm uses the Go Programming Languages Text Templating engine in these templates wherever you see is angler brackets in the template. This is nothing but the go templating syntax.

--- You do not have to master the entire go programming language to use this. Whatever is required to work with templates will be covered in the next few lectures. You can define your own logic in these templates.

--- Once you master this syntax, so in this section, you are going to deep dive into templates and in

the process, we will learn what template actions are, how to use conditional logic, how to use loops

and define variables within your template files.