

CST8915 – Full-stack Cloud-native Development

Lab 6 - Automation

Part1 [2 Points]:

Complete the following tutorials:

- **Quickstart: Create ARM templates with Visual Studio Code**
<https://learn.microsoft.com/en-us/azure/azure-resource-manager/templates/quickstart-create-templates-use-visual-studio-code?tabs=CLI>
- **Quickstart: Deploy a container instance in Azure using an ARM template**
<https://learn.microsoft.com/en-us/azure/container-instances/container-instances-quickstart-template>
- **Beginner JSON Templates**
<https://learn.microsoft.com/en-us/azure/azure-resource-manager/templates/template-tutorial-create-first-template?tabs=azure-powershell>

Part2 [2 Points]:

- Create an ARM template which defines an AKS cluster consisting of two node pools. Use parameters to define the location and name of the AKS cluster.

Report

Push the ARM template code to a github repo and include it your submission also briefly explain the template.