# Homework M5: Azure and DevOps

Main goal is to build further on what was demonstrated during the practice

## Tasks

1. AKS task
   1. Create an AKS cluster with one node
   2. Prepare a simple web app (single static HTML page) with one picture (of whatever you decide) and a text with your SoftUni ID
   3. Create a Dockerfile to containerize the app
   4. Create an ACR and publish the app image there
   5. Create a manifest (or two) and deploy the app on the cluster

*You may use the files and the steps from the practice to help yourself.*

1. DevOps task
   1. Create an AKS cluster with one node or reuse the one created earlier
   2. Publish the app created earlier in a code repository (for example in GitHub)
   3. Create a DevOps Starter project in Azure and deploy the app from the code repository to the AKS cluster

Please note that you can do either one of the tasks or both. Whichever you choose, your submission will be accepted, and you will be eligible to receive the corresponding amount of homework points

## Proof

Prepare a document that show what you accomplished and how you did it. It can include (not limited to):

1. The commands you used to achieve the above tasks
2. Any configuration files produced while solving the tasks
3. A few pictures showing intermediary steps or results