Now Your Turn

Consider a scenario where the product/application team you’re working with is now ready to put their application in production and they need your help to deploy it in a replicated and reliable manner. For the scope of this exercise, consider the following requirements for the application:

* The default number of replicas should be 6.
* For simplicity, you can use the **nginx** image for the container running in the Pod.
* Make sure all the Pods have the following two labels with corresponding values: chapter=controllers and activity=1
* The update strategy for the Deployment should be **RollingUpdate**. At worst, no more than half of the Pods can be down, and similarly, at no point should there be more than 150% of the desired count of Pods.

You should be able to perform the following tasks once the Deployment has been created:

* Scale up the number of replicas to 10.
* Scale down the number of replicas to 5.