# Building modern cloud apps hands on lab

## Overview

In this lab, you will create a web application that makes use of a data API, and several Azure services. You will start with an initial application, connect it to the deployed data API, use Azure blob storage and queues, and add the use of Azure Redis caching.

## Objectives

In this hands-on lab, you will learn how to:

* Open the application in your development tool
* Run the application on your development machine
* Connect the application to a cloud-based API
* Save data to Azure blob storage
* Add entries to Azure queues
* Use Azure Redis cache

## Prerequisites

The source for the starter app is located in the HOL\dotnet\modern-cloud-apps\src folder.

The finished project is located in the HOL\dotnet\modern-cloud-apps\end folder.

# Exercises

This hands-on-lab has the following exercises:

* Exercise 1: Open and run the starting application
* Exercise 2: Use a REST service in the application
* Exercise 3: Save data to Azure blob storage
* Exercise 4: Add an entry to an Azure queue
* Exercise 5: Use Azure Redis cache

## Exercise 1: Open and run the starting applications

Instructions and screenshots here

## Exercise 2: Use the REST service in the application

Instructions and screenshots here

## Exercise 3: Save data to Azure blob storage

Instructions and screenshots here

## Exercise 4: Add entry to Azure queue

Instructions and screenshots here

## Exercise 5: Use Azure Redis Cache

Instructions and screenshots here

# Summary

In this hands-on lab, you learned how to:

* Open the application in your development tool
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