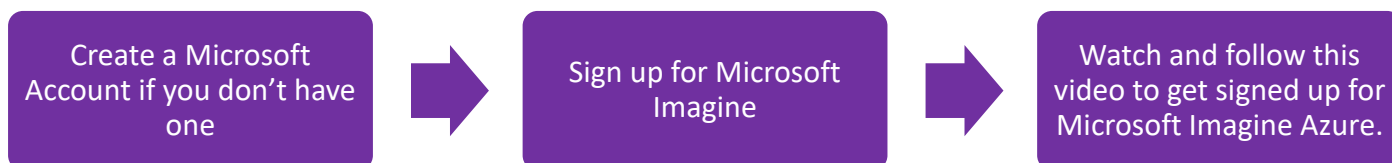Hello and Welcome!

Module One of Basic Training is all about getting you ready for Module two – where you'll be building a cool Xamarin, cloud connected app. If those words sound foreign to you, you're reading the right document! You should follow the steps in this document carefully to ensure you don't encounter any issues. Good luck!

Step One – Activate your FREE Azure benefits

Microsoft provides students with free, limited access to Microsoft Azure via Microsoft Imagine. We use this great benefit extensively throughout the MSA programme. The process is clickable!
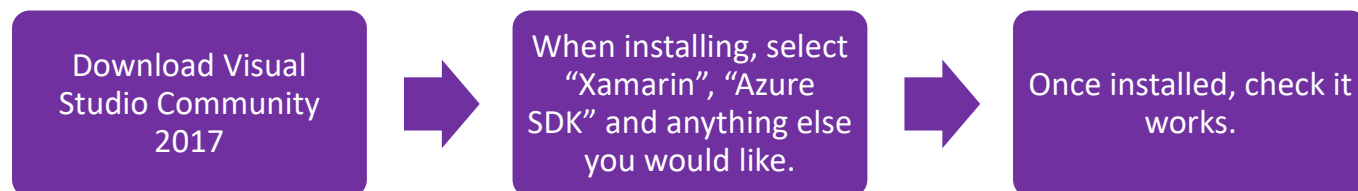
Create a Microsoft Account if you don't have one	➜	Sign up for Microsoft Imagine	➜	Watch and follow this video to get signed up for Microsoft Imagine Azure.

Notes:

- If you require an activation code, email nzmsa@microsoft.com
- Microsoft "Imagine" and "Dreamspark" mean the same thing.

Step Two – Setup your development environment

Developers need to setup their environments before they start coding. **You will need Visual Studio 2017 Community with Xamarin and Azure SDKs installed.** Like everything in MSA, it's all free.

Download Visual Studio Community 2017	➜	When installing, select "Xamarin", "Azure SDK" and anything else you would like.	➜	Once installed, check it works.

Step Three – Deploy a Xamarin app

You need to check if everything has been installed correctly by creating and deploying a blank (or otherwise) Xamarin Forms App. Follow the guide here that walks you through it. You can submit a screenshot / photo of it running on your phone or emulator. For module one, we only expect you to deploy an app with your name on it. In module two, you will connect this app to the cloud and we'll help you do some cool stuff with it.

This step trips up a lot of people, and a few things can go wrong. Some things to ensure
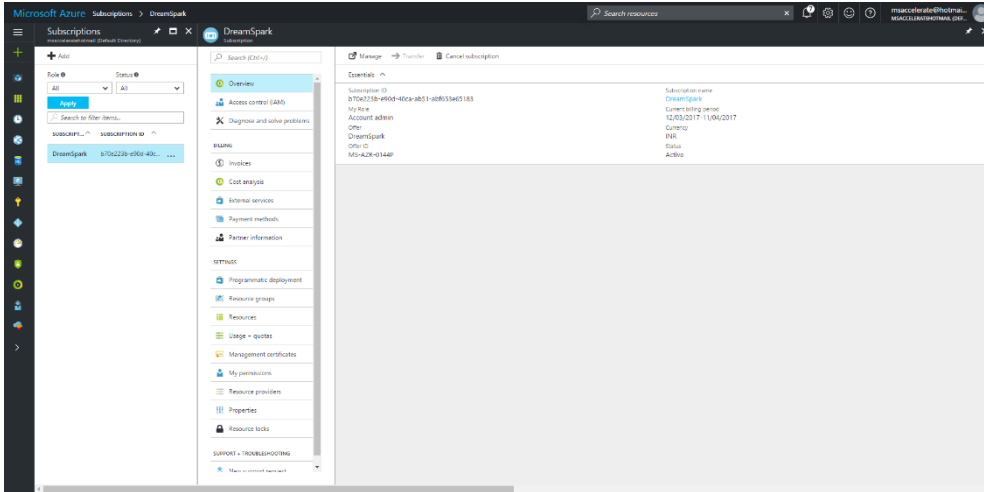
- Check you've installed Xamarin properly
- Check you're trying to deploy the right solution to the right device / emulator

Submission

Submission Requirements:

1) Screenshot of your Microsoft Azure Imagine Subscription Page
   a. In your dashboard, press "Subscriptions" on the far left (key symbol)
   b. Select "Dreamspark" or "Imagine" (both mean the same)
   c. Take a screenshot that shows your subscription ID page.
2) Provide proof that you have deployed a Xamarin Forms app to an emulator or device.

Submission Example:

Your Azure Subscription page within the Dashboard

Your app running in Visual Studio with your name on it:

Deadline: 30th May 2017
No extensions will be provided.

Submit at http://aka.ms/submitmsa

Have a question?
Email nzmsa@microsoft.com or ask on the Facebook group – http://msa.ms/group.

Step Four: Learn some Content!

Depending on how comfortable you are with software development, some of these videos will be essential and others not required as you already know a bit about it. We have provided a selection of videos that you should go through to ensure you gain knowledge about software development. We're not expecting you to be an expert on all these topics – just some holistic understanding of what they are and how they fit. **This step is not assessed.**

Using Git with Visual Studio (Source Control)	C# for Absolute Beginners	Xamarin for Absolute Beginners