**CS 639 Assignment No. 1**

**HelloWorld App**

**Name: Revati Bharat Deshmukh** **Email: rd44750n@pace.edu**

**Part 1:**

Create the *HelloWorld* App (default app in Android Studio) using the *Basic Activity* template. We used *Empty Activity* in class. Observe the differences. Follow the instructions in some of the references posted in the Blackboard. You should have Min SDK API 21 Android 5.0.

Instead of displaying *Hello World*, the app must display your first name and your last name:

*Hello Firstname Lastname*

**Part 2:**

Run the app to generate an apk file. Executable files have the *apk* extension in Android.

Locate the *apk* file that is generated by Android Studio. Be sure that this *apk* file can be installed on a mobile phone – the packaging in Android is done incrementally.

Q1.What is the default name of an *apk f*ile?

**ANSWER**: The default name of the apk file is app-debug

Q2.Where to located the *apk* file?

**ANSWER:** To locate the apk file go to the drive where your Android studio was installed. And then locate the Android StudioProjects folder.

In that go to MyApplication->app->build->outputs->apk->debug For me I found my apk file at C:\Users\deshm\AndroidStudioProjects\MyApplication\app\build\outputs\apk\debug

To create the apk in Android Studio, go to: build menu->build bundles/apk->build apk. The apk is then available in the project directory->app->build->outputs->apk->debug->app-debug.apk.

**Part 3:**

Post this *apk* file with the name *HelloWorldLastnameFirstname.apk* at the root of the HelloWorld project in GitHub.

Push the code (*HelloWorld* project) in YOUR GitHub account at [https://github.com/yourpseudo/CS6392021 ou C3742021](https://github.com/yourpseudo/CS6392021%20ou%20C3742021) (Please note that this link is not active).

**Part 4:**

In the course, we will emphasize testing. Test your app on Android devices and emulators. We will make apks available and everybody will test them.

**Part 5:**

* Post a screenshot of your app at the root of the HelloWorld project – on an emulator or device.
* Post a screenshot of the SDK manager for me to check what SDK you installed.