Q Publishing Android Application

Publishing your Android Application involves the following steps

1: Export your application as an APK ⇒

2: Digitally signing your application

3: Deploy the signed application

4: Use the Android Market for hosting and selling your application

Versioning Your Application ⇒

The Android MainFest.x file of every Android application Includes the android:versioncode and android:version Name attribute.

```
<? xml version = "1.0" encoding = "utf-8"? >
<mainfest   xmlns: android = "http://schemas.and
                          . com/apk/res/androi
    package = "net. learn 2 develop. LBS"
    android: versionCode = "1"
    android: version Name = "1.0" >
```

The android: version code attribute represents the version number of your application. This value is never used by the system, but it is useful for developers as a mean to obtain an application's version number.

It is also used by android market to determine whether a newer version of your application is available

Digitally signing your application =>

All android applications must be digitally signed before they are allowed to be deployed onto a device

You can generate your own self signed certificate and use it to sign your Android Application

You can manually generate your own certificates using the Keytool.ex utility provided by the Java SDK

Eclipse IDE makes it easy for you by including a wizard that walks you through the steps to generate a certificate using the jarsigner.exe tool from the Java SDK.

Deploying APK Files =>

There are following various ways to deploy your application.

⇒ Deploying using adb.exe tool:

adb.exe is Android bridge tool located in the platform-Tools folder of the Android SDK.

Using the command prompt in Windows navigate to the <Android-SDK>\platform tools folder. To install use the following command

adb install "C:\Users\wei-Meng Lee\Desk \LBS.apk"

=> Using a Web Server:
If you wish to host your application on your own, you can use a web server to do that. This is ideal if you have your own web hosting service.

=> Publishing on Android Market:
The best way to host your application on the Android Market, a Google hosted service that makes it very easy for users to discover and download applications for their Android devices.

It includes following steps
=> Creating a Developer Profile
=> Submitting Your Apps.