**Commands to get started with Ionic app development (windows)**

1. Open command prompt with run as administrator option.
2. Run command  
    $ ionic start <appName> <layout>

Here, <layout> can be either blank, tabs or sidemenu. These are the built in layouts in ionic framework.

1. Move into the appName directory  
    $ cd <appName>
2. Add android/ios platform to the project.  
    $ ionic platform add android
3. Add sass setup to change the default header footer button’s colors.   
    $ ionic setup sass
4. Now you are ready to develop your application.
5. To check the developed application on browser,

$ ionic serve

1. To build application,  
    $ ionic build android  
   This builds the apk file
2. To run application directly into android phone,  
    $ ionic run android