**Instructions with reference to the Java documentation template:**

* Add your name on Page 1.
* The **IPO** and **TOE** charts, and the **Pseudo code** can be left much as they are. (Change PCName to BusinessName, PCID to Address, and IP to Phone.)
* The current **images** for the data flow and structured charts can be left as they are.
* Update the **Class Diagram**:
  + Use the **ESSModel.EXE** utility provided in the third party materials (\JAVA1\_Mark\ThirdPartyMaterial\EssModel\_binary\_22\**EssModel.exe**).
  + Once you have started the **ESSModel.exe** utility, use the **File - Open Folder** menu option to find the folder that has your Local Recycler's source code (\NetBeans Projects\ LocalRecyclers\scr\...)
  + Use options within the **Diagram** menu at the top of the screen to copy the Class Diagram to the clipboard or to an image file so that it can be pasted into your technical documentation.
* Read the information on **Testing** and then (on the page following the Testing information) copy and paste data that you may have used in your sample data file and may have entered on screen to test your program. Add some sample data that you may have found that caused errors in your program.
* **Delete** the page that has the '*Stylised Representation of the Flow of Data*'. This page and diagram are not needed in your documentation.
* In relation to **Debugging**:
  + Click on a **line number** next to a line of code (for example in your ReadFile code).
  + Then use options within the **Debug** menu (at the top of the NetBeans screen) or options among the Debug toolbar options, to debug a small section of your program.
  + One of many instructional videos offered on YouTube in relation to debugging is:  https://www.youtube.com/watch?v=2Z9B8wYhKWw
  + Use the **Print Screen** button on your keyboard to capture two (2) screen images and paste them into your program documentation.
* **Javadoc**:
  + You are able to generate Java technical documentation for your program using the following menu option in NetBeans:  **Run - Generate Javadoc**
  + This menu option will generate Javadoc HTML documentation in a **dist** folder in your Local Recyclers NetBeans project.
  + When you zip up your Netbeans project file to hand in, your Javadoc documentation will be automatically included in the zip file.
* Prepare a one page **User Manual** for your Local Recyclers project - I have demonstrated a couple of options at the end of the template document.
* I am anticipating that the filling in of this template document should take up to about **2 hours** to complete. Please get back to me should you find you require more time than this.
* **When your project and document are complete**:
  + Copy this technical documentation file into your NetBeans Local Recyclers project folder.
  + Zip up your completed project - with all the other project files and folders contained within it.
  + Rename this zip file:  **Surname\_StudentNumber\_ICTPRG418\_AT1.**
  + Upload to Connect - ICTPRG418 - Assessment 1.

The due date for this project has been moved to the end of Week 10.