List of Assumptions that I have made in order to solve this problem:

1. Defining the problem/gathering information.

2. Split processes;

2.1input / output data

**Input data**

* UI (JFrame)to open data files in formats .txt .csv .doc
* File line String :

***first name, last name, annual salary, pension rate (%), payment start date(month number)***

e.g. ***David,Rudd,60050,9%,3***

* String Array for ***EmployeePayslip*** class constructor

**output** **data**

* valid String in order ***name, pay period, gross income, income tax, net income, super***
* JTextArea displayed Valid Data. Ex

***David Rudd,01 March–31 March,5004,922,4082,450***

* save processed file on custom url and file name

.doc or .txt or .csv file extension.

2.2 DATA PROCESSING

***EmployeePayslip*** class constructor takes String Array as a parameter. If array is valid, sets up each array index value to related instance variable and add String line on the ***..::: Input Data :::..*** JTextArea, and also add String line on the ***..::: Output Data :::..*** JTextArea. If array is not valid sets error massage on the input data JTextArea ex.

***! ERROR !! FirstName5,LastName5,1126,,10***

and empty line on output area.

2.3 Test case

***Al lTests.java*** takes two tests ***InputTest.java*** and ***OutputTest.java***

3.Creat a executable Java Program .exe file and test each generated file.