Lab 5

Construct a Problem Analysis Chart (PAC), an Interactivity Chart, a Coupling Diagram and a Flowchart for each of the following problems. Use draw.io to create the charts, save as images and embed them in a word document which should be uploaded to Sulis when the lab is completed.

1. Develop a solution for a problem to convert a temperature in Fahrenheit to Celsius using the following formula: C=5/9(F-32)
2. Develop a solution which would determine the fewest coins required to make up any amount of money under one euro given that the coins available are 50c, 20c, 5c, 1c.