Programming I

# Lab exercise - IPO Chart

**For each of the problems below, identify the output(s), the inputs and decide if the problem is solvable. If it can be solved, do a sample calculation, generate an algorithm and create an IPO chart with the required algorithm**

Jack Osaki, one of the shipping clerks at Quality Builders, earns $7 per hour. Last week, Jack worked 40 hours. He wants you to write a program that will display his weekly gross pay.

Output:

Input:

Sample calculation:

Three column IPO chart

Sarah Martin has been working for Quality Builders for four years. Last year, Sarah received a 4% raise, which brought her current weekly pay to $250. Sarah is schedule to receive a 3% raise next week. She wants you to write a program that will display, on the computer screen, the amount of her new weekly pay

Output:

Input:

Sample calculation:

Three column IPO chart

Sharon Manley, who works for Quality Builders, needs a program that will display the area of any rectangle. The dimensions (length and width) of the rectangle will be given in feet. You are not given any sample values so you need to make up values for length and width

Output:

Input:

Sample calculation:

Three column IPO chart