

CIS 121 Sequence Problems

Develop an IPO Chart and C++ code the following problems. Upload the IPO and code files to Blackboard.

Save your files with the convention PS2P1, PS2P2 etc. PS1P1 is Problem set 1, program 1 etc.

1. Ask the user to enter first and last name. Display a message "Hello [last name]".

input	process	output
Fname	Read inputs	Hello lname
Lname	Extract last name	
	Greeting message	

2. Allow the user to enter two real numbers. Compute and display the sum of the two numbers.

input	process	output
Two real numbers	Compute to Add numbers	Display the sum of the two numbers

3. Ask the user to enter last name and score. Format a message that says "[last name] has a score of [score]".

input	process	output
lname	Format output	[Last name] has a score of [score]
score		

4. Allows the user to enter three integers. Compute the result = $(n1 + n2) * n3$. Display the result.

input	process	output
Three integers(n1,n2,n3)	Compute $(n1 + n2) * n3$	Display result

5. Ask the user to enter two real numbers. Compute and display the sum, product and difference of the numbers.

input	process	output
Two real numbers	Calculate sum,product, difference	Display results

