

California State Polytechnic University, Pomona

CIS Department

Intermediate Java Programming for Business

Program II

I. Due

See class schedule for due date. The written part is due at the beginning of class, the electronic part has to be uploaded to the instructor using Blackboard.

II. Objectives

1. GUI
2. GUI
3. I/O

III. References

1. Class Examples
2. Class Powerpoints

IV. Software Required

1. Eclipse
2. Blackboard.

V. Assignment

1. You are to use the GUI provided and finish the missing parts as commented in the source code

Welcome to JAVAZON III

Order ID:

First Name: Last Name:

Member Ship: Phone:

Street

City State: Zip:

Product:	Quantity:	Price:	LineTotal:
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Subtotal:

Tax:

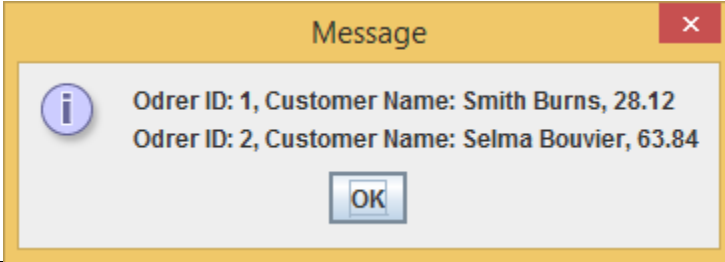
Total:

Add Delete Find List Clear Reset Update

File Options Import Export

2. Commands description

Add	Add order to order HashMap, display a confirmation, Clear Screen
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Delete	Delete order from HashMap and from screen, display confirmation, clear screen
Find	Find order and load it to the screen
List	Displays a list of all the orders in the following format 
Clear	Clear the screen and clear the order HashMap of all orders
Reset	Clear all the fields on the screen
Update	Update the order in the order HashMap
Import	Extra credit – import all order information from a textfile to your program and load them to the HashMap
Export	Extra credit – Export orders from the program to a textfile

3. Print out the test results.
4. Then print the Java class.
5. Export the program to a **zip** file containing your *.java (source) files and *.class files. Name the **zip** file **xxxprogram2_yy.zip**. xxx is your initials taken from the first three characters of your Cal Poly email address. yy is the revision number of your project.
6. Lastly you are to upload the file to blackboard

VI. CLASSES

CLERK (inherits Person)	Holds information about clerk processing the order
CUSTOMER (inherits Person)	Holds customer information
JAVAZON	Hold information about the store, contains orders
JAVAZONAPP	Controller, collects information from user, display result
JAVAZONFRAME	GUI Interface Class
LINEITEM	Has information about each line in the order. Will store the product and the quantity and total for each line
MENU	Holds information about the menu consists of products
ORDER	Holds information about order, contains products
PERSON	Parent class holds information about person
PRODUCT	Class to hold product information
VALIDATOR	Class to perform validation

VII. Deliverables

1. **Electronic:**

Your zip-file must be transferred via blackboard to your instructor. The zip-file must be sent by the beginning of class. After the due date the program is late and **will not be accepted** so make sure you turn-in whatever you have on time to get partial credit. The clock on blackboard site is the official clock. The latest revision of the project before will be considered your final revision.

2. **Written (Assembled in this order):**

Cover page supplied at the end of this assignment

Printout of the screen inputs

Printout of the screen outputs

Printout of the source code

A statement indicating whether you did the extra credit or not

3. **Extra Credit:**

10 points – Import (5) / Export (5) all the orders entered to a file.

VIII. Additional Info

4. Test Data

<u>ORDER</u>	<u>FNAME</u>	<u>LNAME</u>	<u>STREET</u>	<u>CITY</u>	<u>STATE</u>	<u>ZIP</u>	<u>PHONE</u>	<u>MEMBERSHIP</u>
1	Smith	Burns	222 Main Street	Ontario	CA	98765	90988899	MB111
FIX							9098889999	MB1111
	<u>PRODUCT</u>	<u>QTY</u>						
	Java	2						
<u>ORDER</u>	<u>FNAME</u>	<u>LNAME</u>	<u>STREET</u>	<u>CITY</u>	<u>STATE</u>	<u>ZIP</u>	<u>PHONE</u>	<u>MEMBERSHIP</u>
2	Selma		467 South Main	Covina	CAA	90987	909221111	MBA222
FIX		Bouvier			CA		9092221111	MB2222
	<u>PRODUCT</u>	<u>QTY</u>						
	VB	1.1						
FIX		1						
	TOP 10	2						
<u>ORDER</u>	<u>FNAME</u>	<u>LNAME</u>	<u>STREET</u>	<u>CITY</u>	<u>STATE</u>	<u>ZIP</u>	<u>PHONE</u>	<u>MEMBERSHIP</u>
3	Mann	Otto	523 Temple	Pomona	CA	9813	9998886666	MB3333
FIX						98123		
	<u>PRODUCT</u>	<u>QTY</u>						
	Java	1						
	PHP	A						
FIX		3						
	Halo	2						

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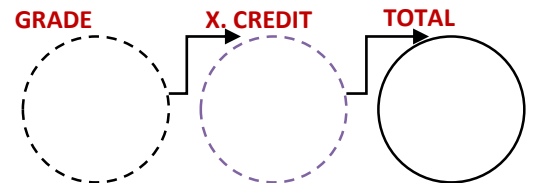
COURSE CIS 304
INSTRUCTOR: Hatim Mouissa

EMAIL: Hmouissa@cpp.edu
WEBSITE: Blackboard.csupomona.edu

STUDENT NAME: _____

ZIP FILE NAME: _____

Program Number III



Professionalism and following directions

- o Assignment is neatly assembled 8 1/2 by 11.
- o Cover page with your name (last name first followed by a comma then first name), bronco number and a signed statement of independent effort.
- o Class neatly printed.
- o Screen printouts are present.
- o Package name is correct.
- o Zip -file name is correct.
- o All files are present

Source Code

- o Program source code listing matches code sent by Blackboard's digital dropbox.
- o Code is properly commented
- o Code uses proper naming convention and proper Indentation (formatting).
- o Code is correct .

Electronic Run

- o Program asks for all inputs.
- o All answers are present.
- o All outputs are correct.
- o Formatting of outputs is correct

Professor Comments:

I _____, attest that this project is my own work. Signature _____