

### 1.PS2P1

Prompt the user to enter a quantity (which is a floating point number) and price per unit (float). Then compute the extended price (quantity x price per unit). Display the extended price.

INPUT	PROCESS	OUTPUT
Qty	ExPri= Qty*ppu	ExPri
PrPu		

2. Allow the user to enter last name, hours and pay rate. Compute gross pay to be hours x rate. (Note: we are not giving time and a half for over time hours yet!). Display last name and gross pay.

INPUT	PROCESS	OUTPUT
Lname		Lname
Hrs	GroPay= Hrs*Rate	GroPay
Rate		

3. The user is to enter the length and width of a rectangle. Computer the area (length x width) and the circumference (2 x length + 2 x width). Display the area and circumference.

INPUT	PROCESS	OUTPUT
L	Area= L*W	Area
W	Circ= ((2*L)+(2*W))	Circ

4. Enter last name and credits taken. Tuition is \$250 per credit hour. Add a \$100 lab fee. Compute total tuition (credits taken x 250 + lab fee). Display last name and tuition.

INPUT	PROCESS	OUTPUT
Lname		Lname
Crd	$Tuit = ((Crd * 250) + 100)$	Tuit

5. The price of an item and discount percent is entered into the program. Display the discount amount and discounted price of the item. Note: enter the discount percent in decimal form.

INPUT	PROCESS	OUTPUT
Price		
Dscnt%		Dscnt%
	$DiscntPri = Price - (Price * (Dscnt\% / 100))$	
	Display DiscntPri in decimal form	DiscntPri