

q.1

Input	Process	Output
Quantity of item	If quantity is > 1000 then the unit price is \$3 Extended price = quantity * unit price Tax = extended price * .07 Extended price + Tax = total price	Print Quantity of item Unit price number Extended price number Tax number Total number
	If not, then unit price is \$5 Extended price = quantity * unit price Tax = extended price * .07 Extended price + tax = total price	

Q.2

Input	Process	Output
letter	If letter is A, then unit price is \$10	Print letter and unit price
Quantity number	If not, then unit price is \$20	Print letter and unit price

Q.3

Input	Process	Output
Number of books	Order total = number of books	print order total and shipping charge
Cost per book	If the order total > 50, then shipping charge is \$0	
	If not, then shipping charge is \$25	

Q. 4

Input	Process	Output
Name of appliance	If appliance cost > 1000, then Warranty cost = appliance cost * .10	Print appliance name, appliance cost, warranty cost, total cost
Cost of appliance	If not, then Warranty cost = appliance cost * .05	
	Total cost = appliance cost + warranty cost	

Input	Process	Output
Last name	<p>Adjusted gross income $= \text{gross income} - (\text{number of dependents} * 12000)$</p> <p>If adjusted gross income > 50000, then tax rate = .20</p>	Print last name, gross income, number of dependents, adjusted gross income, income tax
Number of dependents	If not, then tax rate = .10	
Gross income	If income tax rate is less than 0, then income tax = 100	