Problem Set - Functions Pass By Value

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1.

Input	Process	Output
Arguments: Qty, unitprice	Function: compute_total(quantity,price)	Return: total
quantity and price entered by user in a a loop	multiply quantity by price, apply a 10% discount if total > $10,000.00	return the final total after discount

2.

Input	Process	Output
Argument: hits, at_bats	function: compute_batting_avg(hits, at_bats)	Return: batting_average
players last name , number of huts, and at the bats	divide hits by at-bats to compute batting average	

3.

Input	Process	Output
Argument: miles_traveled, gallons_used	Function: Compute_mpg(miles_traveled, gallons_used)	Return: Total_mpg
destination city, miles traveled, and gallons used	divide miles traveled by gallons used to commute MPG	return miles per gallon(MPG)

4.

Input	Process	Output
Argument: job_code hours_worked, pay_rate	Function: get_payrate(job_code) compute_gross_pay(hours_wok rked, pay_rate)	Return:return hourly pay rate Return gross pay
employee last name , jobe code, hours worked	determine hourly pay rate based on job code calculate gross pay. including overtime for hours >40	

5.

Input	Process	Output
Argument:credit_hours, district_code	Function:compute_tuition(credi t_hours, district_code	Return: total tuition owed
student last name , credit hours, district code	determine tuition rate base on district code and multiply by credit hours	

1.