

Problem 1

| INPUT | PROCESS | OUTPUT |
|--|--|---|
| <ul style="list-style-type: none">- 3 variables for exam 1, exam 2, and the total- Asks the user for exam 1 and 2 | <ul style="list-style-type: none">- Multiply the 1st exam and 0.6- Multiply the 2nd exam and 0.4- Add both products and apply it to the "total" variable | <ul style="list-style-type: none">- Display total score |

Problem 2

| INPUT | PROCESS | OUTPUT |
|---|---|---|
| <ul style="list-style-type: none">- 4 variables to hold the stock name, stock quantity, stock price, and stock value- Ask the user for the stock name, price, and quantity | <ul style="list-style-type: none">- Multiply the stock price and the quantity bought and apply it to the "stock value" variable | <ul style="list-style-type: none">- Displays the total value of stock |

Problem 3

| INPUT | PROCESS | OUTPUT |
|---|--|---|
| <ul style="list-style-type: none">- 3 variables for the meal cost, tip, and total with tip- Asks the user for the total cost of their meal | <ul style="list-style-type: none">- Multiplies meal cost and 0.15 to the variable "tip"- Adds the meal cost, and tip to the variable "total with tip" | <ul style="list-style-type: none">- Displays the total meal cost- Displays the tip- Displays the total with tip |

Problem 4

| INPUT | PROCESS | OUTPUT |
|--|--|---|
| <ul style="list-style-type: none">- 3 variables for purchase price, current price, and percent change- Asks the user for the purchase price of the stock and the current price of the stock | <ul style="list-style-type: none">- Subtracts the purchase price to current price- Divides the difference with the purchase price- Multiplies the equation by 100 and adds it to the "percent change" variable | <ul style="list-style-type: none">- Displays the percent change |

Problem 5

| INPUT | PROCESS | OUTPUT |
|---|---|---|
| <ul style="list-style-type: none">- 4 variables for fixed costs, price per unit, cost per unit, and break-even point- Asks the user for the fixed cost- Asks the user for the price per unit- Asks the user for cost of unit | <ul style="list-style-type: none">- Subtracts the cost of unit to the price of unit- Takes the fixed cost and divides it by the difference | <ul style="list-style-type: none">- Displays the break-even point |