|  |  |  |
| --- | --- | --- |
| Inputs | Process | Outputs |
| 1.Exam 1  2.Exam 2 | Get the first exam score from the user.  Get the second exam score from the user.  Multiply the first exam score by 60%(0.6).  Multiply the second exam score by 40%(0.4)  Add the weighted scores together to get the total score.  Display the total scores. | Total scores. |

#2

|  |  |  |
| --- | --- | --- |
| Inputs | Process | Outputs |
| 1.Purchase price per share  2.Current stock price  3.Quantity of stock owned | Get the purchase price per share from the user.  Get the current stock price from the user.  Get the quantity of stock from the user.  Compute the stock value change using the formula: (Current price – Purchase price) \* Quantity  Display the computed stock value change (profit/loss) | Stock value change (Profit/Loss) |

#3

|  |  |  |
| --- | --- | --- |
| Inputs | Process | Outputs |
| 1.Meal Total | |  | | --- | | Get the total cost of the meal from the user.  Compute the 15% tip: \_15=meal \_total\*0.15  Compute the total with 15% tip: total\_15 = meal \_total + tip\_15  Display the tip and total with 15% tip.  Compute the 18% tip: \_18=meal \_total\*0.18  Compute the total with 18% tip: total\_18 = meal \_total + tip\_18  Display the tip and total with 18% tip.  Compute the 20% tip: \_20=meal \_total\*0.20  Compute the total with 20% tip: total\_20 = meal \_total + tip\_20  Display the tip and total with 20% tip.  Display the tip and total with 20% tip. |  |  | | --- | |  | | Meal Total  Tip (15%)  Total with 15% tip  Tip (18%)  Total with 18% tip  Tip (20%)  Total with 20% tip |

#4

|  |  |  |
| --- | --- | --- |
| Input | Process | Output |
| 1.First name  2.Number of steps walked | Calculate calories burned: calories\_ burned = steps \* 0.25  Use formula to compute calories burned. | Display first name  Display calories burned |

#5

|  |  |  |
| --- | --- | --- |
| Input | Process | Output |
| 1.Fixed Costs  2.Price per unit  3.Cost per unit | Calculate break-even point:  break-even\_ point = fixed \_ costs / (price\_ per\_ unit – cost\_ per \_ unit) | Display break-even point. |