CIS 106 Session Assignments Set 2 Problems.

Develop an IPO Chart and Python code the following problems. Upload the IPO and code files to your repository.

1. Allow the user to enter the stock ticker symbol (ie MSFT for Microsoft), number of share and cost per share. Compute and display amount invested to be number of share times cost per share.

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| Input | Process | Output |
| Ticker Symbol  Number of Shares  Price of Shares | Multiply Cost of Share and Number of Share to get amount invested | Display Ticker Symbol  Display Amount Invested |

1. The student will enter their last name, midterm and final exam score. Compute the total exam points to be the sum of 40% of midterm and 60% of the final exam. Display student last name and total exam points.

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| Input | Process | Output |
| Last Name  Midterm Score  Final Exam Score | Multiply Midterm Score by 0.4  Multiply Final Score by 0.6  Add Midterm and Final Score to get Exam Points | Display Last Name  Display Exam Points |

1. You and two friends completed a job and received an amount that is entered into the problem. You are to split the amount received evenly between the three of you. Compute and display what each of you will receive.

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| Input | Process | Output |
| Amount of Money received. | Divide Amount by 3 to get amount per person | Display Amount per person |

1. Enter the make, model, msrp amount and discount percent of an auto you are interested in. Compute the amount off msrp you will receive as well as the discounted price. The amount off is computed to be the msrp times the discount percent (you can enter as a decimal so no need to divide by 100). The discounted price is the msrp minus the amount off. Display the make, model, mrsp, discount percent, amount off and discounted price.

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| Input | Process | Output |
| Make  Model  MSRP Amount  Discount Percent | Multiply MSRP by Discount percent to get Amount off  Subtract Amount off from MSRP to get Discounted Price | Display Make  Display Model  Display MSRP Amount  Display Discount Percent  Display Amount Off  Display Discounted Price |

1. Allow the user to enter a radius of a circle. Compute and display the area to be pi times radius squared (use 3.174 for pi and multiple radius time radius for radius squared). Also, compute and display the perimeter (2 time pi \* radius).

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| Input | Process | Output |
| Radius of Circle | Multiply Radius by Radius by 3.174 to get Area  Multiply 2 by 3.174 by radius to get Circumference | Display Area  Display Circumference |