

Intro to Python – Lesson 24

Today we will look at any questions from last class. Go back and look at the exercises and have any questions ready.

We will also look at some common functions based on processes that we completed in class. I will suggest a function to format a dollar value.

```
def FDollar2(DollarValue):  
  
    # Function will accept a value and format it to $#,###.##.  
  
    DollarValueStr = "${:,.2f}".format(DollarValue)  
  
    return DollarValueStr
```

Now in your program, whenever you want to format to a dollar value, just wrap the variable in the function call. For example:

```
ItemCostDsp = FDollar2(ItemCost)  
print(f"Item cost:           {ItemCostDsp:>10s}")
```

OR include it all in the one statement.

```
print(f"Item cost:           {FDollar2(ItemCost):>10s}")
```

Try to come up with a few other options and be ready to discuss in class. Validations may be a good place to start. Try and come up with an example that is not formatting / validation based.

EXTRA – EXTRA – READ ALL ABOUT IT

When you write all these functions that you may want to use in every program, create a module (Just a program) with all these functions inside it. Now when you start a new project you can import your module and have access to all your functions. Look at the following video that shows you how to create and use a module.

<https://www.youtube.com/watch?v=5SGqHIQTxLA>

See you at 1.