PYTHON ASSIGNMENT

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```
#for updating
import openpyxl
wb = openpyxl.load_workbook('produceSales.xlsx')
sheet = wb.get_sheet_by_name('Sheet')
# The produce types and their updated prices
PRICE_UPDATES = {'Mango': 3.07,
                                 'Apple': 1.19,
                                 'Orange': 1.27}
```

```
#for chaning font style
import openpyxl
from openpyxl.styles import Font
wb = openpyxl.Workbook()
sheet = wb.get_sheet_by_name('Sheet')
italic24Font = Font(size=24, italic=True)
sheet['A1'].font = italic24Font
sheet['A1'] = 'Hello world!'
wb.save('styled.xlsx')
```

```
#Font object
 import openpyxl
from openpyxl.styles import Font
wb = openpyxl.Workbook()
 sheet = wb.get_sheet_by_name('Sheet')

fontObj1 = Font(name='Times New Roman', bold=True)
```

```
sheet['A1'].font = fontObj1
 sheet['A1'] = 'Bold Times New Roman'

 fontObj2 = Font(size=24, italic=True)
 sheet['B3'].font = fontObj2
sheet['B3'] = '24 pt Italic'
 wb.save('styles.xlsx')

#formula
import openpyxl
 wb = openpyxl.Workbook()
 sheet = wb.active
sheet['A1'] = 200
sheet['A2'] = 300
 sheet['A3'] = '=SUM(A1:A2)'
 wb.save('writeFormula.xlsx')

#Adjusting Rows and Columns
 import openpyxl
wb = openpyxl.Workbook()
sheet = wb.active
sheet['A1'] = 'Tall row'
 sheet['B2'] = 'Wide column'
 sheet.row_dimensions[1].height = 70
 sheet.column_dimensions['B'].width = 20
 wb.save('dimensions.xlsx')
```

```
#for charts
 import openpyxl
wb = openpyxl.Workbook()
 sheet = wb.active
for i in range(1, 11):
        sheet['A' + str(i)] = i
refObj = openpyxl.chart.Reference(sheet, min_col=1, min_row=1, max_col=1, max_row=10)
seriesObj = openpyxl.chart.Series(refObj, title='First series')
 chartObj = openpyxl.chart.BarChart()
 chartObj.title = 'My Chart'
 chartObj.append(seriesObj)
 sheet.add_chart(chartObj, 'C5')
 wb.save('sampleChart.xlsx')
```