In [1]:

```
# Importing Requred Packages
import numpy as np
import pandas as pd
import openpyxl
```

In [2]:

```
# Load the input workbook and worksheet
input_workbook = openpyxl.load_workbook('input.xlsx')
input_sheet = input_workbook.active
```

In [4]:

```
# Create a new workbook and worksheet for the output
output_workbook = openpyxl.Workbook()
output_sheet = output_workbook.active
output_sheet.title = 'Fruit Quantities'
```

In [5]:

```
# Create a dictionary to store the total quantity of each fruit
fruit_totals = {}
```

In [6]:

```
# Iterate over the rows in the input worksheet
for row in input_sheet.iter_rows(min_row=2, values_only=True):
    # Get the fruit name and quantity from the row
    fruit = row[0]
    quantity = row[1]

    # Add the quantity to the fruit's total in the dictionary
    if fruit in fruit_totals:
        fruit_totals[fruit] += quantity
    else:
        fruit_totals[fruit] = quantity
```

In [7]:

```
# Write the fruit totals to the output worksheet
output_sheet.cell(row=1, column=1, value='Fruit')
output_sheet.cell(row=1, column=2, value='Total Quantity')
for i, (fruit, total) in enumerate(fruit_totals.items(), start=2):
    output_sheet.cell(row=i, column=1, value=fruit)
    output_sheet.cell(row=i, column=2, value=total)
```

In [8]:

```
# Save the output workbook to a file
output_workbook.save('output.xlsx')
```

In [ ]:

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In [ ]:

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