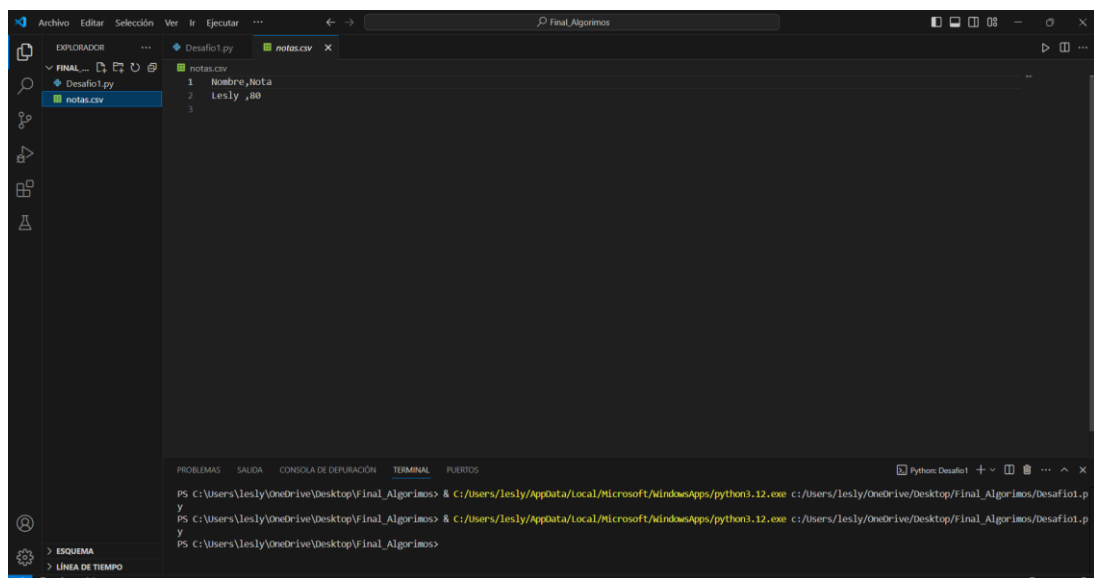
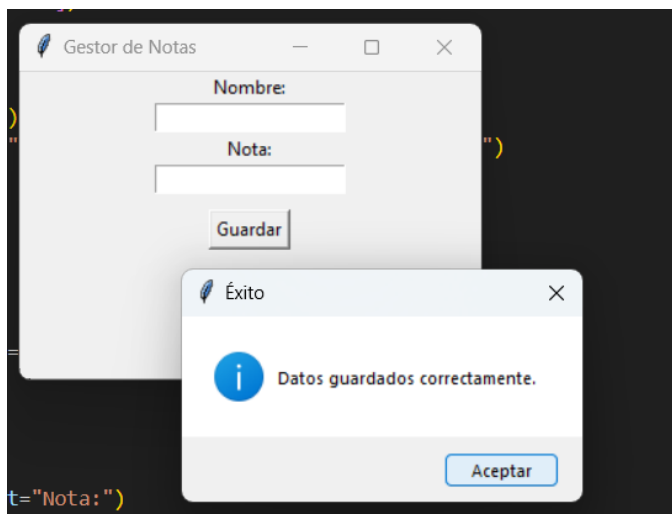
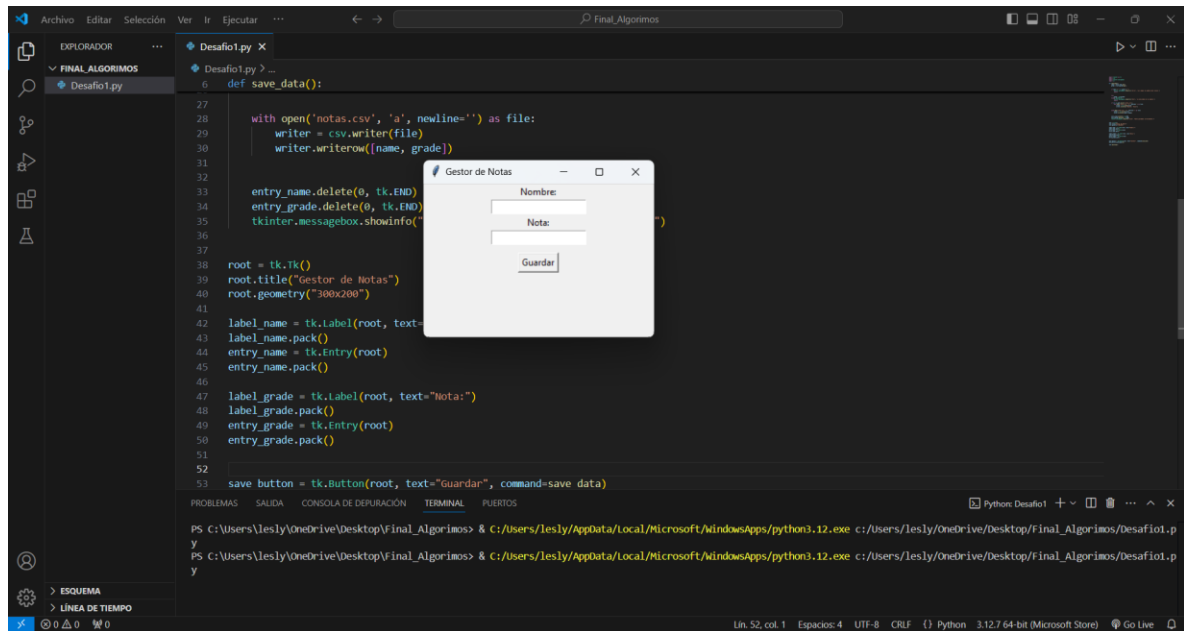
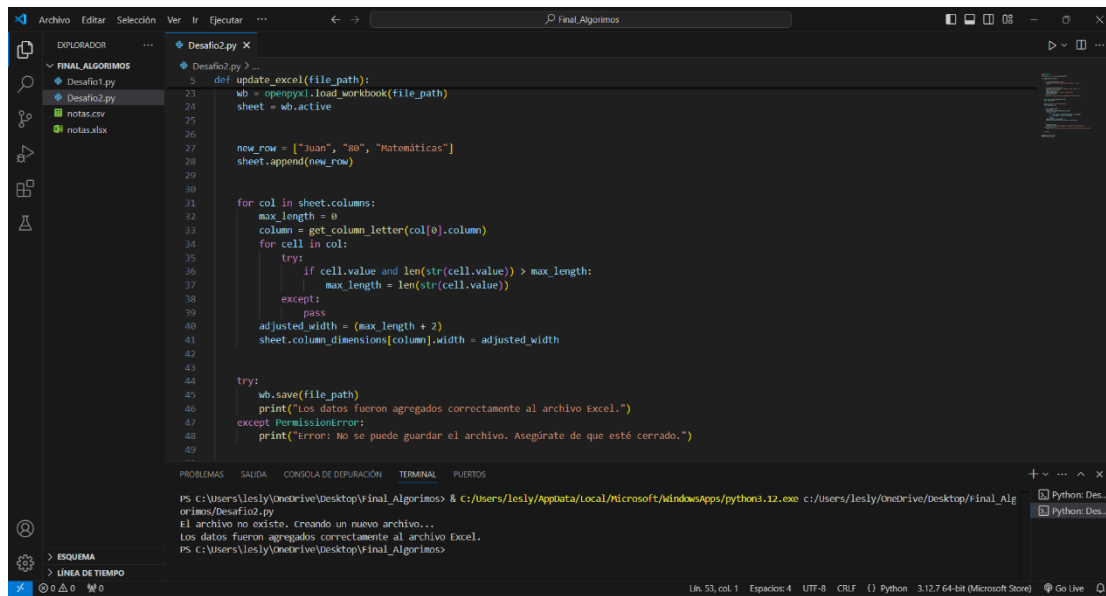


Desafío 1



Desafío 2



The screenshot shows a Python IDE with a file explorer on the left containing 'Desafio1.py', 'Desafio2.py', 'notas.csv', and 'notas.xlsx'. The main editor displays the code for 'Desafio2.py', which defines a function 'update_excel' to load an Excel workbook, append a new row, and adjust column widths. The terminal at the bottom shows the command to run the script and its successful execution.

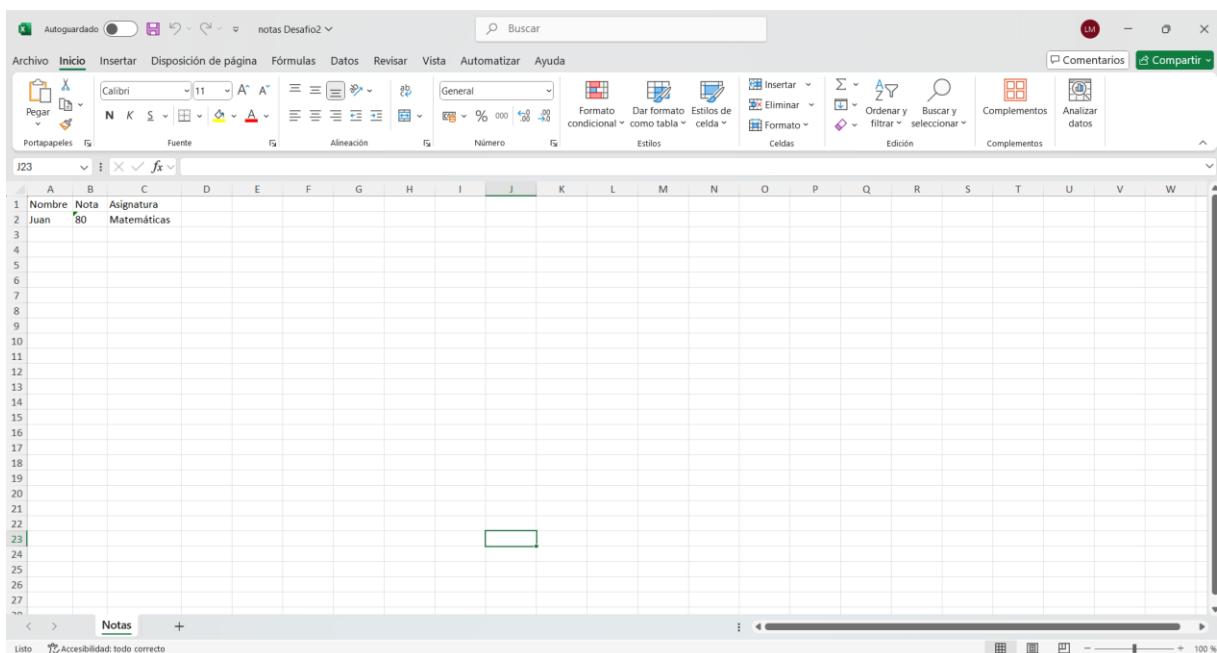
```
def update_excel(file_path):
    wb = openpyxl.load_workbook(file_path)
    sheet = wb.active

    new_row = ["Juan", "80", "Matemáticas"]
    sheet.append(new_row)

    for col in sheet.columns:
        max_length = 0
        column = get_column_letter(col[0].column)
        for cell in col:
            try:
                if cell.value and len(str(cell.value)) > max_length:
                    max_length = len(str(cell.value))
            except:
                pass
        adjusted_width = (max_length + 2)
        sheet.column_dimensions[column].width = adjusted_width

    try:
        wb.save(file_path)
        print("Los datos fueron agregados correctamente al archivo Excel.")
    except PermissionError:
        print("Error: No se puede guardar el archivo. Asegúrate de que esté cerrado.")
```

PS C:\Users\lesly\OneDrive\Desktop\Final_Algoritmos> c:\Users\lesly\AppData\Local\Microsoft\WindowsApps\python3.12.exe c:\Users\lesly\OneDrive\Desktop\Final_Algoritmos\Desafio2.py
El archivo no existe, creando un nuevo archivo...
Los datos fueron agregados correctamente al archivo Excel.
PS C:\Users\lesly\OneDrive\Desktop\Final_Algoritmos>



The screenshot shows an Excel spreadsheet with the following data:

Nombre	Nota	Asignatura
Juan	80	Matemáticas