

9b. Demonstrate python program to read the data from the spreadsheet and write the data in to the spreadsheet.

```
import openpyxl

# Function to read data from a spreadsheet
def read_data_from_spreadsheet(filename, sheetname):
    workbook = openpyxl.load_workbook(filename)
    sheet = workbook[sheetname]

    data = []
    for row in sheet.iter_rows(values_only=True):
        data.append(row)

    return data

# Function to write data to a spreadsheet
def write_data_to_spreadsheet(filename, sheetname, data):
    workbook = openpyxl.Workbook()
    sheet = workbook.active
    sheet.title = sheetname

    for row_idx, row_data in enumerate(data, start=1):
        for col_idx, value in enumerate(row_data, start=1):
            sheet.cell(row=row_idx, column=col_idx, value=value)

    workbook.save(filename)

# Example usage
if __name__ == "__main__":
    # Reading data from "input.xlsx" sheet named "Sheet1"
    input_data = read_data_from_spreadsheet("input.xlsx", "Sheet1")

    # Writing data to "output.xlsx" sheet named "Sheet1"
    write_data_to_spreadsheet("output.xlsx", "Sheet1", input_data)
```