PROJECT – 2 :- PDF Merger Utility

Objective:

Create a program to merge multiple PDF files into a single document.

Skills Gained:

File Handling, PyPDF2 Library, Error Checking Requirements:

* Select and merge 2 or more PDF files.
* Save the output as a new combined file.
* Optional: Add user interface using Tkinter or CLI.

**CODE -** import os

from PyPDF2 import PdfMerger

def merge\_pdfs(input\_folder, output\_filename):

    merger = PdfMerger()

        pdf\_files = [f for f in os.listdir(input\_folder) if f.lower().endswith('.pdf')]

    pdf\_files.sort()

    if not pdf\_files:

        print("No PDF files found in the specified folder.")

        return

    print(f"Merging {len(pdf\_files)} PDF files:")

    for pdf\_file in pdf\_files:

        file\_path = os.path.join(input\_folder, pdf\_file)

        print(f"- {pdf\_file}")

        merger.append(file\_path)

    output\_path = os.path.join(input\_folder, output\_filename)

    with open(output\_path, 'wb') as output\_file:

        merger.write(output\_file)

    print(f"\nMerged PDF saved as: {output\_path}")

if \_\_name\_\_ == "\_\_main\_\_":

    print("PDF Merger Utility")

    print("------------------\n")

    input\_folder = input("Enter the path to the folder containing PDF files to merge: ")

    output\_filename = input("Enter the name for the merged PDF file ")

    if not output\_filename.lower().endswith('.pdf'):

        output\_filename += '.pdf'

    merge\_pdfs(input\_folder, output\_filename)

output :-

Enter the path to the folder containing PDF files to merge:

Enter the name for the merged PDF file: