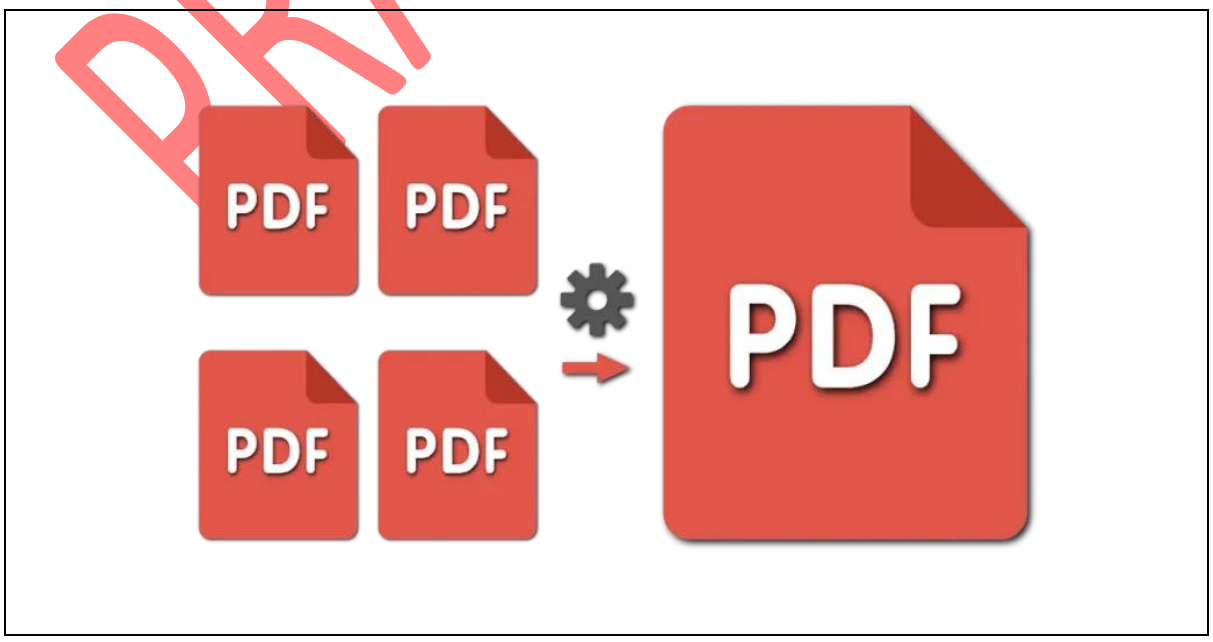
PROJECT 1 : PDG MERGER USING PYTHON

Introduction:

The **PDF Merger Using Python** project is designed to simplify the task of combining multiple PDF files into a single, consolidated document. In today's digital world, PDF files are widely used for sharing, storing, and presenting information. However, managing multiple PDF files can often become cumbersome, especially when they need to be reviewed or shared as a single unit.

This project utilizes the powerful **PyMuPDF** library, also known as fitz, which offers robust tools for working with PDF documents. With PyMuPDF, users can efficiently merge PDFs while maintaining their formatting, structure, and content integrity.

The primary objective of this project is to create a user-friendly and efficient solution for merging PDF files, whether for personal, educational, or professional purposes. By leveraging Python's simplicity and PyMuPDF's capabilities, this tool ensures fast and seamless merging operations with minimal coding effort.



LIBRIES :

- ✓ !pip install pymupdf
- ✓ !pip install --upgrade pymupdf
- ✓ !brew install mupdf swig freetype

Take pdf files :

```
From google.collab import files
Files, Files1, Files2 = files.upload(),files.upload(),files.upload()
```

Display the pdf files :

```
import fitz  # PyMuPDF
# Open the PDF file
pdf_path = "Excel notes.pdf" #Put your pdf file path in “--”
doc = fitz.open(pdf_path)
# Extract text from each page
for page_num in range(len(doc)):
    page = doc[page_num]
    text = page.get_text()
    print(f"Page {page_num + 1}:\n{text}")
# Close the document
doc.close()
```

Merge pdf files :

```
from PyPDF2 import PdfMerger

# List of PDF files to merge

pdf_files = ['Email Attachment.pdf', 'Excel notes.pdf', 'seminar report  (1).pdf']

# Create a PDF merger object

merger = PdfMerger()

# Append each file

for pdf in pdf_files:

    merger.append(pdf)

# Write the merged PDF to a file

merger.write("merged.pdf")

merger.close()

print("PDFs merged successfully into 'merged.pdf'")
```

Downloading merged pdf:

```
File.download(“merged.pdf”)
```