DOCUMENT OCR-

Start: Start of the algorithm.

Input: Take the file path of the PDF text as input.

Extract Text:

Initialize an empty list extractedTexts.

Open the file specified by the file path.

Read each line from the file.

For each line:

If the current row number is 4, 7, or 8, add the trimmed line to extractedTexts.

Close the file.

Translate Text:

Initialize an empty list translatedTexts.

For each text in extractedTexts:

Translate the text from Marathi to English.

Add the translated text to translatedTexts.

Save to CSV:

Define the CSV file path.

Open a new CSV file for writing.

For each text in translatedTexts:

Write the text to the CSV file.

Close the CSV file.

End: End of the algorithm.

ALGORITHM-

import java.io.BufferedReader;

import java.io.BufferedWriter;

import java.io.FileReader;

import java.io.FileWriter;

import java.io.IOException;

import java.util.ArrayList;

import java.util.List;

public class Translator {

public static void main(String[] args) {

String pdfTextFilePath = "path/to/your/pdf\_text.txt";

List<String> extractedTexts = extractText(pdfTextFilePath);

List<String> translatedTexts = translateToEnglish(extractedTexts);

saveToCSV(translatedTexts);

}

// Function to extract text from specified rows

private static List<String> extractText(String pdfTextFilePath) {

List<String> extractedTexts = new ArrayList<>();

try (BufferedReader br = new BufferedReader(new FileReader(pdfTextFilePath))) {

String line;

int currentRow = 1;

while ((line = br.readLine()) != null) {

if (currentRow == 4 || currentRow == 7 || currentRow == 8) {

extractedTexts.add(line.trim());

}

currentRow++;

}

} catch (IOException e) {

e.printStackTrace();

}

return extractedTexts;

}

// Function to translate text from Marathi to English

private static List<String> translateToEnglish(List<String> texts) {

}

private static void saveToCSV(List<String> texts) {

String csvFilePath = "translated\_text.csv";

try (BufferedWriter bw = new BufferedWriter(new FileWriter(csvFilePath))) {

for (String text : texts) {

bw.write(text);

bw.newLine();

}

} catch (IOException e) {

e.printStackTrace();

}

System.out.println("Translated texts saved to " + csvFilePath);

}

}