**Algorithm for Problem Statement-2:**

Que.Write Algorithms and Programs for making OCR from the following file.Save the extracted text into a word(.doc/.docx) file.

1.Input:

Obtain the path to the image file containing text that needs to be extracted.

2.Load Image:

Use a library like Java Advanced Imaging (JAI) or Java ImageIO to load the image file into your Java program.

3.Perform OCR:

Use an OCR library or API such as Tesseract OCR, Apache Tika, or Google Cloud Vision API to perform OCR on the loaded image.

Send the image data to the OCR engine and receive the extracted text.

4.Save Text to Word Document:

Use a library like Apache POI to create and manipulate Word documents in Java.

Create a new Word document (.doc/.docx) file.

Write the extracted text to the Word document.

Save the Word document to the desired location.

5.Output:

A Word document (.doc/.docx) file containing the extracted text from the image.