PdfReader Application

activity-main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"
  xmlns:app="http://schemas.android.com/apk/res-auto"
  xmlns:tools="http://schemas.android.com/tools"
  android:id="@+id/main"
  android:layout width="match parent"
  android:layout height="match parent"
  tools:context=".MainActivity">
  <ScrollView
    android:id="@+id/scrollView2"
    android:layout width="340dp"
    android:layout_height="384dp"
    app:layout constraintBottom toBottomOf="parent"
    app:layout constraintEnd toEndOf="parent"
    app:layout constraintHorizontal bias="0.293"
    app:layout constraintStart toStartOf="parent"
    app:layout constraintTop toTopOf="parent"
    app:layout constraintVertical bias="0.38">
    <TextView
      android:id="@+id/textView"
      android:layout width="wrap content"
      android:layout height="wrap content"
      android:text="
      android:textSize="30dp"
      tools:ignore="SpeakableTextPresentCheck"
      tools:layout_editor_absoluteX="175dp"
      tools:layout editor absoluteY="98dp" />
```

```
<Button
    android:id="@+id/button"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Submit"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/scrollView2" />
```

</androidx.constraintlayout.widget.ConstraintLayout>

MainActivity.java

```
package com.example.pdfreader;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.TextView;
import androidx.activity.EdgeToEdge;
import androidx.appcompat.app.AppCompatActivity;
import androidx.core.graphics.Insets;
import androidx.core.view.ViewCompat;
import androidx.core.view.WindowInsetsCompat;
import com.itextpdf.text.pdf.PdfReader;
import com.itextpdf.text.pdf.parser.PdfTextExtractor;
import java.io.IOException;
import java.io.InputStream;
public class MainActivity extends AppCompatActivity {
  TextView e1;
  Button b1;
  @Override
  protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    EdgeToEdge.enable(this);
    setContentView(R.layout.activity_main);
    ViewCompat.setOnApplyWindowInsetsListener(findViewById(R.id.main),
(v, insets) -> {
      Insets systemBars =
insets.getInsets(WindowInsetsCompat.Type.systemBars());
      v.setPadding(systemBars.left, systemBars.top, systemBars.right,
systemBars.bottom);
```

```
return insets;
    });
    e1 = findViewById(R.id.textView);
    b1 = findViewById(R.id.button);
    b1.setOnClickListener(new View.OnClickListener() {
      @Override
      public void onClick(View view) {
        extractPdf();
      }
      private void extractPdf() {
        String text = "";
        try {
           InputStream inputStream =
getResources().openRawResource(R.raw.daa);
           PdfReader rd = new PdfReader(inputStream);
           int n = rd.getNumberOfPages();
           for (int i = 0; i < n; i++) {
             text += PdfTextExtractor.getTextFromPage(rd, i + 1).trim() + "\n";
           }
           e1.setText(text);
           rd.close();
        } catch (IOException e) {
           e1.setText("Error found: " + e.getMessage());
        }
      }
    });
  }
}
```

Output-

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Dilial yocal Clickallipic)
  int t = *a;
public static void
binarySearch(int arr[], int
first,
  *a = *b;
int last, int key){
  *b = t;
 int mid = (first + last)/2;
int partition(int arr[], int
               Submit
```