Experiment - 03

AIM : To include images , fonts in flutter app.

THEORY :

A flutter app when built has both assets (resources) and code. Assets are available and deployed during runtime. The asset is a file that can include static data, configuration files, icons, and images. The Flutter app supports many image formats, such as JPEG, WebP, PNG, GIF, animated WebP/GIF, BMP, and WBMP.

To display an image in Flutter, do the following steps:

      Step 1: First, we need to create a new folder inside the root of the Flutter project and named it assets. We can also give it any other name if you want.
      Step 2: Next, inside this folder, add one image manually.
      Step 3: Update the pubspec.yaml file. Suppose the image name is tablet.png, then pubspec.yaml file is:

assets:
  - assets/tablet.png
  - assets/background.png

Displaying images from the internet or network is very simple. Flutter provides a built-in method Image.network to work with images from a URL. The Image.network method also allows you to use some optional properties, such as height, width, color, fit, and many more.

Image.network(
  'https://picsum.photos/250?image=9',
)

CODE :

```
import 'package:flutter/material.dart';

void main() {
 runApp(const MyApp());
}
class MyApp extends StatelessWidget {
 const MyApp({Key? key}) : super(key:
key);
 @override

Widget build(BuildContext context) {
  return MaterialApp(
   title: 'Flutter Demo',
   home: Scaffold(
    body: SafeArea(
     child: Stack(
      children: [
       // Background Image
       Positioned.fill(
```

```dart
            child: Image.asset(
              'assets/background_img.jpg', //
Replace with your image path
                fit: BoxFit.cover,
            ),
          ),
          // Signup Buttons
          Positioned(
            left: 0,
            right: 0,
            bottom: 100,
            child: Column(
              mainAxisAlignment:
MainAxisAlignment.center,
              children: [
                ElevatedButton.icon(
                  onPressed: () {
                    // Handle Google signup
                  },
                  icon: Icon(Icons.login),
                  label: Text('Sign up with
Google'),
                ),
                SizedBox(height: 20),
                GestureDetector(
                  onTap: () {
                    // Handle email signup
                  },
                  child: Text(
                    'Sign up with Email',
                    style: TextStyle(
                      color: Colors.white,
                      decoration:
TextDecoration.underline,
                    ),
                  ),
                ),
              ],
            ),
          ),
        ],
      ),
    ),
  );
}
```

OUTPUT :