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Class: D15B

Roll No: 50

MAD LAB-3

Aim: To include icons, images and fonts in App.

Code :

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

void main() {
  runApp(MaterialApp(
    debugShowCheckedModeBanner: false,
    theme: ThemeData.dark(),
    home: DashboardScreen(),
  ));
}

class DashboardScreen extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: Text("Smart Study"),
        actions: [
          IconButton(
            icon: Icon(Icons.account_circle),
            onPressed: () {
              // Handle profile action
            },
          ),
        ],
      ),
      body: SingleChildScrollView(
        padding: EdgeInsets.all(16.0),
        child: Column(
          crossAxisAlignment: CrossAxisAlignment.start,
```

```

children: [
  // Dashboard Statistics
  Row(
    mainAxisAlignment: MainAxisAlignment.spaceBetween,
    children: [
      _dashboardCard("Subject Count", "1"),
      _dashboardCard("Studied Hours", "0.01"),
      _dashboardCard("Goal Study Hours", "25.0"),
    ],
  ),
  SizedBox(height: 20),

  // Subjects Section
  Text("Subjects", style: TextStyle(fontSize: 18, fontWeight:
FontWeight.bold)),
  SizedBox(height: 10),
  _subjectCard("Software Engineering"),

  SizedBox(height: 10),
  Center(
    child: ElevatedButton(
      onPressed: () {
        // Handle create task action
      },
      style: ElevatedButton.styleFrom(
        backgroundColor: Colors.blue,
        padding: EdgeInsets.symmetric(horizontal: 30, vertical: 15),
      ),
      child: Text("Create a Task"),
    ),
  ),

  SizedBox(height: 20),

  // Upcoming Tasks Section

```

```

        Text("Upcoming Tasks", style: TextStyle(fontSize: 18, fontWeight:
FontWeight.bold)),
        SizedBox(height: 10),
        _upcomingTaskCard("Unit 1 - 22 May 2024"),
    ],
),
),
);
}

```

```

Widget _dashboardCard(String title, String value) {
  return Expanded(
    child: Container(
      margin: EdgeInsets.symmetric(horizontal: 4),
      padding: EdgeInsets.all(12),
      decoration: BoxDecoration(
        color: Colors.black26,
        borderRadius: BorderRadius.circular(10),
      ),
      child: Column(
        children: [
          Text(title, style: TextStyle(fontSize: 14, color: Colors.grey)),
          SizedBox(height: 5),
          Text(value, style: TextStyle(fontSize: 22, fontWeight:
FontWeight.bold)),
        ],
      ),
    ),
  );
}

```

```

Widget _subjectCard(String subjectName) {
  return Container(
    padding: EdgeInsets.all(10),
    decoration: BoxDecoration(

```

```

        color: Colors.greenAccent.withOpacity(0.5),
        borderRadius: BorderRadius.circular(15),
    ),
    child: Row(
      children: [
        ClipRRect(
          borderRadius: BorderRadius.circular(10),
          child: Image.network(
            "https://cdn-icons-png.flaticon.com/512/2232/2232688.png", //
Replace with your image asset
            width: 50,
            height: 50,
          ),
        ),
        SizedBox(width: 10),
        Text(subjectName, style: TextStyle(fontSize: 18, fontWeight:
FontWeight.bold)),
      ],
    ),
  );
}

```

```

Widget _upcomingTaskCard(String taskName) {
  return Container(
    padding: EdgeInsets.symmetric(horizontal: 12, vertical: 10),
    decoration: BoxDecoration(
      color: Colors.grey[800],
      borderRadius: BorderRadius.circular(12),
    ),
    child: Row(
      mainAxisAlignment: MainAxisAlignment.spaceBetween,
      children: [
        Row(
          children: [
            Icon(Icons.circle, color: Colors.green, size: 12),

```

```

        SizedBox(width: 8),
        Text(taskName, style: TextStyle(fontSize: 16)),
      ],
    ),
    Icon(Icons.calendar_today, color: Colors.white70),
  ],
),
);
}
}

```

Output :



