MDPW CODES

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

void main() {
  runApp(MyApp());
}

class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      debugShowCheckedModeBanner: false,
      home: Scaffold(
        appBar: AppBar(
          title: Text('Hello, World!'),
          backgroundColor: Colors.purpleAccent,
        ),
        body: Center(
          child: Text(
            'Hello, World!',
            style: TextStyle(
              fontSize: 24.0,
              fontWeight: FontWeight.bold,
              color: Colors.purpleAccent,
            ),
          ),
        ),
      ),
    );
  }
}
```

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

void main() => runApp(MyApp());

class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      debugShowCheckedModeBanner: false,
      title: 'My App',
      home: MyHomePage(),
    );
  }
}

class MyHomePage extends StatefulWidget {
  @override
  _MyHomePageState createState() => _MyHomePageState();
}

class _MyHomePageState extends State<MyHomePage> {
  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: Text('My App'),
        backgroundColor: Colors.deepPurpleAccent,
      ),
      drawer: Drawer(
        child: ListView(
          padding: EdgeInsets.zero,
          children: <Widget>[
            const DrawerHeader(
              child: Text('Drawer Header'),
              decoration: BoxDecoration(
                color: Colors.deepPurpleAccent,
              ),
            ),
            ListTile(
              title: Text('Home'),
              onTap: () {
                // Do something
              },
            ),
            ListTile(
              title: Text('Settings'),
              onTap: () {
                // Do something
```

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          },
        ),
        ListTile(
          title: Text('Help'),
          onTap: () {
            //Do something
          },
        )
      ],
    ),
  ),
  body: const Center(
    child: Text('My App Body'),
  ),
);
  }
}
```

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

void main() => runApp(MyApp());

class MyApp extends StatelessWidget {
  //const MyApp({super.key});

  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      debugShowCheckedModeBanner: false,
      title: 'MyApp',
      home: HomePage(),
    );
  }
}

class HomePage extends StatelessWidget {
  const HomePage({super.key});

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: Text('Home Page'),
        backgroundColor: Colors.purple[300],
      ),
      body: Center(
        child: ElevatedButton(
          style: ElevatedButton.styleFrom(
            backgroundColor: Colors.purple[300],
          ),
          child: Text('Click for Second Page!'),
          onPressed: () {
            Navigator.push(context,
              MaterialPageRoute(builder: (context) => const
SecondPage()));
          }),
        ),
      );
  }
}

class SecondPage extends StatelessWidget {
  const SecondPage({super.key});

  @override
  Widget build(BuildContext context) {
```

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    return Scaffold(
      appBar: AppBar(
        title: Text('Second Page!'),
        backgroundColor: Colors.green[200],
      ),
      body: Center(
        child: ElevatedButton(
          style: ElevatedButton.styleFrom(
            backgroundColor: Colors.green[200],
          ),
          child: Text('Click for Third Page!'),
          onPressed: () {
            Navigator.push(context,
                MaterialPageRoute(builder: (context) => const ThirdPage()));
          }),
        ),
      );
  }
}

class ThirdPage extends StatelessWidget {
  const ThirdPage({super.key});

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: Text('Third Page'),
        backgroundColor: Colors.blue[100],
      ),
      body: Center(
        child: ElevatedButton(
          style: ElevatedButton.styleFrom(
            backgroundColor: Colors.blue[100],
          ),
          child: Text('Click for Home Page!'),
          onPressed: () {
            Navigator.push(context,
                MaterialPageRoute(builder: (context) => const
HomePage()));
          }),
        ));
  }
}
```

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

void main() => runApp(MyApp());

class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      debugShowCheckedModeBanner: false,
      title: 'Image Example',
      home: Scaffold(
        appBar: AppBar(
          title: Text('Image Example'),
        ),
        body: Center(
          child: Column(
            mainAxisAlignment: MainAxisAlignment.center,
            children: <Widget>[
              Image.asset(
                'assets/bg.jpg',
                width: 300.0,
                height: 300.0,
              ),
              const Text('Adding image via asset.'),
              Image.network(
                'https://t3.ftcdn.net/jpg/03/36/97/58/360_F_336975809_VvYkV1QZX2E8igeS3kYpcBGiMcK6zWpL.jpg',
                width: 200.0,
                height: 200.0,
              ),
              const Text('Adding image via network')
            ],
          ),
        ),
      ),
    );
  }
}
```

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

void main() => runApp(MyApp());

class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      debugShowCheckedModeBanner: false,
      title: 'Login Form',
      home: LoginForm(),
    );
  }
}

class LoginForm extends StatefulWidget {
  @override
  _LoginFormState createState() => _LoginFormState();
}

class _LoginFormState extends State<LoginForm> {
  final _formKey = GlobalKey<FormState>();
  String _email = "";
  String _password = "";

  void _submitForm() {
    if (_formKey.currentState!.validate()) {
      _formKey.currentState!.save();
      showDialog(
        context: context,
        builder: (BuildContext context) {
          return AlertDialog(
            title: Text('Login Details'),
            content: Text('Email: $_email\nPassword: $_password'),
            actions: [
              TextButton(
                child: Text('OK'),
                onPressed: () {
                  Navigator.of(context).pop();
                },
              ),
            ],
          );
        },
      );
    }
  }
```

```dart
@override
Widget build(BuildContext context) {
  return Scaffold(
    appBar: AppBar(
      title: Text('Login Form'),
    ),
    body: Padding(
      padding: EdgeInsets.all(16.0),
      child: Form(
        key: _formKey,
        child: Column(
          crossAxisAlignment: CrossAxisAlignment.start,
          children: <Widget>[
            TextFormField(
              keyboardType: TextInputType.emailAddress,
              decoration: InputDecoration(
                labelText: 'Email Address',
              ),
              validator: (value) {
                if (value!.isEmpty) {
                  return 'Please enter your email address';
                }
                if (!RegExp(r'\w+@[a-zA-Z_]+?\.[a-zA-Z]{2,3}$')
                    .hasMatch(value)) {
                  return 'Please enter a valid email address.';
                }
                return null;
              },
              onSaved: (value) {
                _email = value!;
              },
            ),
            TextFormField(
              obscureText: true,
              decoration: InputDecoration(
                labelText: 'Password',
              ),
              validator: (value) {
                if (value!.isEmpty) {
                  return 'Please enter your password';
                }
                if (value.length < 6) {
                  return 'Password must be at least 6 characters long.';
                }
                return null;
              },
              onSaved: (value) {
                _password = value!;
```

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              },
            ),
            SizedBox(height: 16.0),
            ElevatedButton(
              child: Text('Submit'),
              onPressed: _submitForm,
            ),
          ],
        ),
      ),
    );
  }
}
```