

## Flutter Part2

Thursday, October 7, 2021  
9:42 PM

### Project Structuring :

1. Create a folder in lib directory. Example : **pages** or **screens**.
2. Move **homepage.dart** to pages folder.
3. What we can observe from below screenshot.

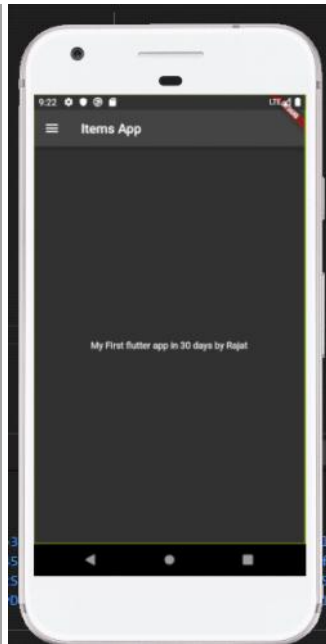


- 3.1 Text in center.
  - 3.2 Text color : predefined : we have not provided in our code.
  - 3.3 Color of appBar like Blue color
  - 3.4 Drawer in left side.
  - 3.5 etc things.
4. Above changes are by default and handled by **material.dart** package. Handle some functionality by default
  5. About **Themes** in MaterialApp.

Code : Below is example of Dark Theme

---

```
class MyApp extends StatelessWidget {
  const MyApp({Key? key}) : super(key: key);
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      home: HomePage(),
      themeMode: ThemeMode.dark,
      darkTheme: ThemeData(
        brightness: Brightness.dark,
      ),
    );
  }
}
```



If we want light theme with some color.

```
class MyApp extends StatelessWidget {
  const MyApp({Key? key}) : super(key: key);
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      home: HomePage(),
      themeMode: ThemeMode.light,
      theme: ThemeData(primarySwatch: Colors.cyan),
      darkTheme: ThemeData(
        brightness: Brightness.dark,
      ),
    );
  }
}
```



## 6. Routes

**Route** is like Navigation in App, example default home page shall open, then we can go to any page.

Route is like a map

```
routes:{
  "/":(context)->HomePage(), // In code if we have home defined in MaterialApp as in above code then this will not work.
}
```

**Note** : Either we can default root page in routes or by defining home .

We will add login page.

7. Lets First create Login page.

Create **loginpage.dart** inside lib/pages folder.

Basic code to check route :

```
import 'package:flutter/material.dart';
class LoginPage extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return Material(
      child: Center(
        child: Text("Login Page"),
      ),
    );
  }
}
```



In Above Snapshot, We have bold Login Page text, We have applied **TextStyle** to text.  
Also updated routes in main.dart

```
routes:{
  "/":(context)->LoginPage(), //In code if we have home defined in MaterialApp as in above code then this will not work.
  "/home" : (context)->HomePage()
}
```