

# **ADVANCED PYTHON PROGRAMMING – CSI3007 Fall Semester (2024-2025)**

## **Mobile App Development - Flutter**

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**Slot :- A2 + L7 + L8 + L27 + L28**

**Faculty:-Dr. Prof. Sharmila Banu K**

### **1. Give me wisdom – Quote of the day app using flutter**

**Projects-J\_Component\Flutter\lib\models\wisdom\_model.dart**

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

```
void main() {
```

```
  runApp(CuteQuoteApp());
```

```
}
```

```
class CuteQuoteApp extends StatefulWidget {
```

```
  @override
```

```
  _CuteQuoteAppState createState() => _CuteQuoteAppState();
```

```
}
```

```
class _CuteQuoteAppState extends State<CuteQuoteApp> {
```

```
  List<String> quotes = [
```

```
    "You're not behind in life. You're exactly where your story needs you to be right now.",
```

```
    "You've survived 100% of your worst days. You're stronger than you think.",
```

```
    "Your future needs you. Your past only taught you.",
```

```
    "Even the stars take millions of years to shine. You're allowed to take your time.",
```

**"You're not failing — you're learning, growing, and reshaping your life.",**  
**"One day you will look back and be proud that you didn't give up.",**  
**"Your heart is tired, not weak. Rest. You will rise again.",**  
**"Life isn't asking you to be perfect. Just present.",**  
**"You don't need to have everything figured out. You only need one brave step.",**  
**"You are allowed to start again. And again. As many times as you need.",**  
**"The pressure you feel is proof that you care about your life.",**  
**"Not every pain is meant to break you — some pain builds your new strength.",**  
**"Your pace is enough. Your effort is enough. You are enough.",**  
**"Your story doesn't end in the chapter you're struggling in.",**  
**"Storms don't last forever. But they do make stronger roots.",**  
**"You're not lost. You're transforming.",**  
**"You deserve peace, softness, and a life that feels like yours again.",**  
];

**String currentQuote = "Click the button for a cute healing quote 🧡";**

```
void changeQuote() {  
    currentQuote = (quotes..shuffle()).first;  
    setState(() {});  
}
```

**@override**

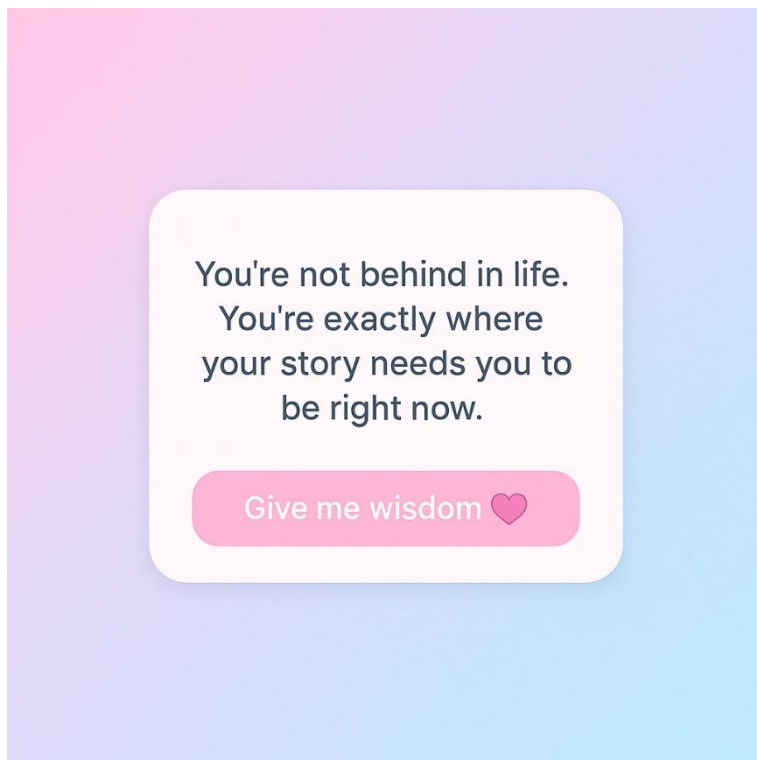
```
Widget build(BuildContext context) {  
    return MaterialApp(  
        home: Scaffold(  
            body: Container(  
                width: double.infinity,  
                height: double.infinity,
```

```
decoration: BoxDecoration(
  gradient: LinearGradient(
    colors: [
      Color(0xFFFFD1DC), // soft pink
      Color(0xFFE5D4FF), // lavender
      Color(0xFFDC88FF), // baby blue
    ],
    begin: Alignment.topLeft,
    end: Alignment.bottomRight,
  ),
),
child: Center(
  child: Padding(
    padding: const EdgeInsets.all(20.0),
    child: Column(
      mainAxisAlignment: MainAxisAlignment.min,
      children: [
        Container(
          padding: EdgeInsets.all(25),
          decoration: BoxDecoration(
            color: Colors.white.withOpacity(0.8),
            borderRadius: BorderRadius.circular(25),
            boxShadow: [
              BoxShadow(
                color: Colors.black12,
                blurRadius: 12,
                offset: Offset(0, 6),
              )
            ],
          ),
        ],
      ],
    ),
  ),
),
```

```
),  
child: Text(  
    currentQuote,  
    textAlign: TextAlign.center,  
    style: TextStyle(  
        fontSize: 26,  
        fontWeight: FontWeight.w600,  
        color: Colors.grey[800],  
        height: 1.4,  
    ),  
),  
),  
SizedBox(height: 40),  
ElevatedButton(  
    onPressed: changeQuote,  
    style: ElevatedButton.styleFrom(  
        padding:  
            EdgeInsets.symmetric(horizontal: 30, vertical: 18),  
        backgroundColor: Colors.pinkAccent.shade100,  
        shape: RoundedRectangleBorder(  
            borderRadius: BorderRadius.circular(30),  
        ),  
        elevation: 6,  
    ),  
    child: Text(  
        "Give me wisdom 🧡 ",  
        style: TextStyle(fontSize: 20, color: Colors.white),  
    ),  
),
```

```
    l,  
    ),  
    ),  
    ),  
    ),  
    ),  
    );  
}  
}
```

**OUTPUT:**



One day you will look  
back and be proud  
that you didn't give up.

Give me wisdom 💖