

Mobile Computing Practical 11

main.dart

```
import 'package:flutter/material.dart';
import 'Quote.dart';
import 'quote_card.dart';
void main() => runApp(MaterialApp(
  home: QuoteList(),
));
class QuoteList extends StatefulWidget{
  _QuoteListState createState() => _QuoteListState();
}
class _QuoteListState extends State<QuoteList> {
  List<Quote> quotes = [
    Quote(author:'Oscar Wilde', text:'Be yourself; everyone else is already taken.'),
    Quote(author:'Oscar Wilde', text:'I have nothing to declare except my genius.'),
    Quote(author:'Oscar Wilde', text:'The truth is rarely pure and never simple.'),
  ];
  Widget build(BuildContext context){
    return Scaffold(
      backgroundColor: Colors.grey[500],
      appBar: AppBar(
        title: const Text('Quotes'),
        centerTitle: true,
        backgroundColor: Colors.red[400],
      ),
      body: Column(
        children: quotes.map((quote) => QuoteCard(
          quote:quote,
          delete:(){

          }
        )).toList(),
      ),
    );
  }
}
```

Quote.dart

```
class Quote{
  String text;
  String author;
  Quote({required this.text, required this.author});
}
```

quote_card.dart

```
import 'package:flutter/material.dart';
import 'Quote.dart';
class QuoteCard extends StatelessWidget{
  final Quote quote;
  final Function delete;
  const QuoteCard({required this.quote, required this.delete});
  Widget build(BuildContext context){
    return Card(
      child: Padding(
        padding: const EdgeInsets.all(4.0),
        child: Column(
          crossAxisAlignment: CrossAxisAlignment.stretch,
          children: <Widget>[
            Text(
              quote.text,
              style: TextStyle(
                fontSize: 18.0,
                color: Colors.grey[600],
              ),
            ),
            const SizedBox(height: 6.0),
            Text(
              quote.author,
              style: TextStyle(
                fontSize: 14.0,
                color: Colors.grey[800],
              ),
            ),
            const SizedBox(height: 8.0),
```

```
    IconButton.icon(  
      onPressed: delete(),  
      label: const Text('Delete Quote'),  
      icon: const Icon(Icons.delete),  
    ), ], ), ) ); } }
```

pubspec.yaml

```
name: flutter_practical_one  
description: "A new Flutter project."  
publish_to: 'none'  
version: 1.0.0+1  
environment:  
  sdk: '>=3.2.2 <4.0.0'  
dependencies:  
  flutter:  
    sdk: flutter  
  cupertino_icons: ^1.0.2  
dev_dependencies:  
  flutter_test:  
    sdk: flutter  
  flutter_lints: ^2.0.0  
flutter:  
  uses-material-design: true
```

Output:

