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Subject : SDP

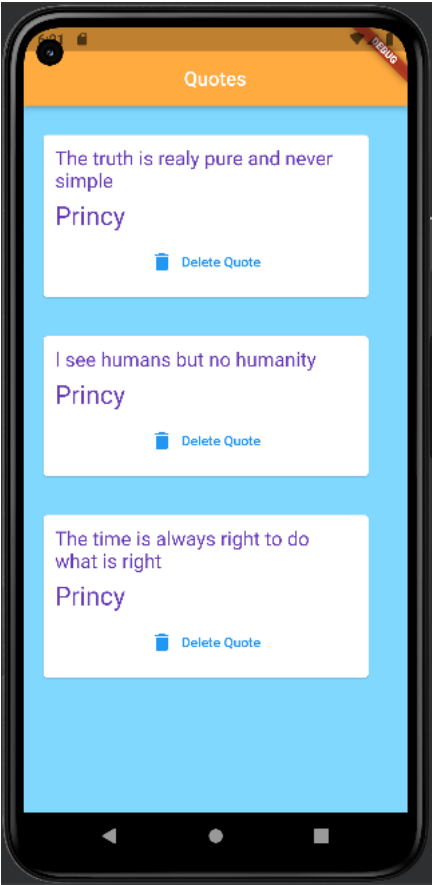
Lab-9

```
//Tutorial-1
import 'package:flutter/material.dart';
import 'quote_card.dart'; // Absolute path
import 'quote.dart'; // due to same directory file relative path will work
//import 'quote_card.dart'; // Relative path
void main() => runApp(MaterialApp(
  home: EchoList(),
));
class EchoList extends StatefulWidget {
  @override
  State<EchoList> createState() => _EchoListState();
}
class _EchoListState extends State<EchoList> {
  /*
  List<String> quotes = [
    'The truth is really pure and never simple',
    'I see humans but no humanity',
    'The time is always right to do what is right'
  ];
  // List<String> author = [];
  */
  /* this will create error..because list is now not of string....
  List<String> quotes = [
    Quote(text: 'The truth is really pure and never simple',author:
    'Princy'),
  ];
  */
  List<Quote> quotes = [
    Quote(text: 'The truth is really pure and never simple',author:
    'Princy'),
    Quote(author: 'Princy', text: 'I see humans but no humanity'),
    Quote(text: 'The time is always right to do what is right',author:
    'Princy'),
  ];
  /*
  Widget quoteTemplate(quote){
  return QuoteCard(quote: quote,);
  }
  */
}
```

```

*/
@override
Widget build(BuildContext context) {
  return Scaffold(
    backgroundColor: Colors.lightBlueAccent[100],
    appBar: AppBar(
      title: Text('Quotes'),
      centerTitle: true,
      backgroundColor: Colors.orangeAccent,
    ),
    body: Column(
      // mainAxisAlignment: MainAxisAlignment.center,
      // crossAxisAlignment: CrossAxisAlignment.center,
      // children: quotes.map((quote) => quoteTemplate(quote)).toList(),
      children: quotes.map((quote) => QuoteCard(
        quote: quote,
        delete: () {
          setState(() {
            quotes.remove(quote);
          });
        },
      )).toList(),
    ),
  );
}
}

```



```

//Tutorial-2
import 'package:flutter/material.dart';
import 'choose_location.dart';
import 'home.dart';
import 'loading.dart';
//
// void main() => runApp(MaterialApp(
// // home: Home(),
// routes: { // routes is Map variable with 'key:value' pairs
// // '/about' ....eg.....routes the screen through 'about' widgets
// // '/contact'....
// // '/': (context) => Loading(), // base routes....base widget file...main
// // file of project
// // // above statement will creates error...because it conflict with 'home:
// // Home(),
// // // because both statements tell flutter to initialize the app from their
// // given location
// // '/home': (context) => Home(),
// // '/location': (context) => ChooseLocation(),
// // }
// // ));

void main() => runApp(MaterialApp(
// home: Home(),
// instead of making home: property to make any page to initialize at
beginning...
// we can use following code ....
  initialRoute: '/home',
  //The application's top-level routing table.
  // When a named route is pushed with Navigator.pushNamed, the route
name is looked up in this map.
  // If the name is present, the associated widgets.WidgetBuilder is used
to construct a
  // CupertinoPageRoute that performs an appropriate transition,
including Hero animations, to the new route.
  routes: {
    '/': (context) => Loading(),
    '/home': (context) => Home(),
    '/location': (context) => ChooseLocation(),
  }
));

```



