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Lab Task: 6

Http & Jason:

Main.dart:

```dart
import 'package:flutter/material.dart';
import 'package:flutter_application_1/httpData.dart';
void main() {
runApp(MyApp());
}
class MyApp extends StatefulWidget {
@override
_MyAppState createState() => _MyAppState();
}
class _MyAppState extends State<MyApp> {
@override
Widget build(BuildContext context) {
return MaterialApp(
debugShowCheckedModeBanner: false,
theme: ThemeData(primarySwatch: Colors.blueGrey),
title: 'Malaika Bilal',
home: HttpData());
}
}
```

Http.dart:

```dart
import 'dart:convert';
import 'package:flutter/material.dart';
import 'package:http/http.dart' as http;
class HttpData extends StatefulWidget {
@override
_HttpDataState createState() => _HttpDataState();
}
class _HttpDataState extends State<HttpData> {
```

```dart
var drinks = [], data;
var url = Uri.parse(
"www.thecocktaildb.com/api/json/v1/1/filter.php?c=Ordinary_Drink");
fetchdataserver() async {
data = await http.get(url);
setState(() {
drinks = jsonDecode(data.body)["drinks"];
});
}
listviewgenerator() {
return Center(
child: ListView.builder(
itemCount: drinks.length,
itemBuilder: (BuildContext context, int index) {
var singledrink = drinks[(drinks.length - 1) - index];
return ListTile(
leading: CircleAvatar(
backgroundImage: NetworkImage(singledrink["strDrinkThumb"]),
),
title: Text(
singledrink,
style: TextStyle(
color: Colors.amber, fontWeight: FontWeight.bold),
),
subtitle: Text("Element ",style: TextStyle(color: Colors.amber),
),
);
}));
}
@override
void initState() {
super.initState();
fetchdataserver();
}
@override
Widget build(BuildContext context) {
return Scaffold(
backgroundColor: Colors.white38,
appBar: AppBar(
title: Center(child: Text("Http Example")),
),
body: Center(
child: data != null
? listviewgenerator()
: CircularProgressIndicator(
```

```
color: Colors.blueGrey,
strokeWidth: 12,
)),
);
}
}
```