



Flutter App Development Course

Practice Day

Task 1:

Source Code:

Main.dart

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

void main(){
  runApp(MyApp());
}

class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      theme: ThemeData(primaryColor: Colors.yellow,),
      debugShowCheckedModeBanner: false,
      home: Home(),

    );
  }
}
```



```
class Home extends StatelessWidget {  
  @override  
  Widget build(BuildContext context) {  
    return Scaffold(  
      backgroundColor: Colors.yellow[600],  
  
      body: Column(  
        mainAxisAlignment: MainAxisAlignment.center,  
        children: [  
  
          Center(child: Container(height: 100, width: 100,  
            padding: EdgeInsets.only(top: 5), margin: EdgeInsets.only(top: 90),  
            decoration: BoxDecoration(shape: BoxShape.circle, color: Colors.white,),  
            child: Icon(Icons.favorite, size: 70, color: Colors.yellow[600]),),),  
  
          SizedBox(height: 25,),  
  
          Text("Mobile Number", style: TextStyle(color: Colors.black, fontSize: 30, fontWeight: FontWeight.bold)),  
  
          SizedBox(height: 10,),  
  
          Center(child: Text("We need to send OTP so authentication your number", style: TextStyle(color:  
Colors.black, fontSize: 14))),  
  
          SizedBox(height: 20,),  
  
          Expanded(  
            child: Align( alignment: Alignment.bottomCenter,  
              child: Container( height: MediaQuery.of(context).size.height*0.5 ,
```



```

width: MediaQuery.of(context).size.width, //alignment: Alignment.bottomCenter,
decoration: BoxDecoration(color: Colors.white,
borderRadius: BorderRadius.only(topLeft: Radius.circular(120))),
child:
Column( mainAxisAlignment: MainAxisAlignment.center,
children: [

    InputTF(country: "(+92) Pakistan",icon: Icons.flag, inputType: TextInputType.text,),

    InputTF(country: "Mobile Number", icon: Icons.contacts,inputType: TextInputType.number,),

    Container( width: MediaQuery.of(context).size.width*0.45,
        padding: EdgeInsets.only(top:20 ),
        child: ElevatedButton( style: ElevatedButton.styleFrom(
            primary: Colors.yellow,
            shape: StadiumBorder(),
        ),
        onPressed: (){ print("User has submitted his Region and Contact."); },
        child: Text("SEND",style: TextStyle(color: Colors.black))),
    )

    ],),
),
),
),
),

],
),);
}

```



```
}
```

```
// =====
```

```
// TEXTFIELD
```

```
class InputTF extends StatelessWidget {
```

```
  InputTF({this.country,this.inputType,this.icon});
```

```
  final String country ;
```

```
  final TextInputType inputType;
```

```
  final IconData icon;
```

```
  @override
```

```
  Widget build(BuildContext context) {
```

```
    return Container(
```

```
      height: MediaQuery.of(context).size.height*0.1,
```

```
      width: MediaQuery.of(context).size.width*0.8,
```

```
      padding: EdgeInsets.only(top: 20),
```

```
    // Changing Focused TF color.
```

```
    child:
```

```
    Theme( data: Theme.of(context).copyWith(primaryColor: Colors.yellow[700]),
```

```
      child: TextField(
```

```
        keyboardType: inputType ,
```

```
        keyboardAppearance: Brightness.light,
```

```
        decoration: InputDecoration(
```



```
focusColor: Colors.yellow[600],

hintText: country ,
prefixIcon: Padding(
  padding: const EdgeInsets.only(left:20.0,right: 10),
  child: Icon(icon),
),

// labelText: "Region",

enabledBorder: OutlineInputBorder(borderRadius: BorderRadius.circular(20),borderSide: BorderSide(color:
Colors.grey[400],width: 2)),

focusedBorder: OutlineInputBorder(borderRadius: BorderRadius.circular(20),borderSide: BorderSide(color:
Colors.yellow[600],width: 3)),

) .),

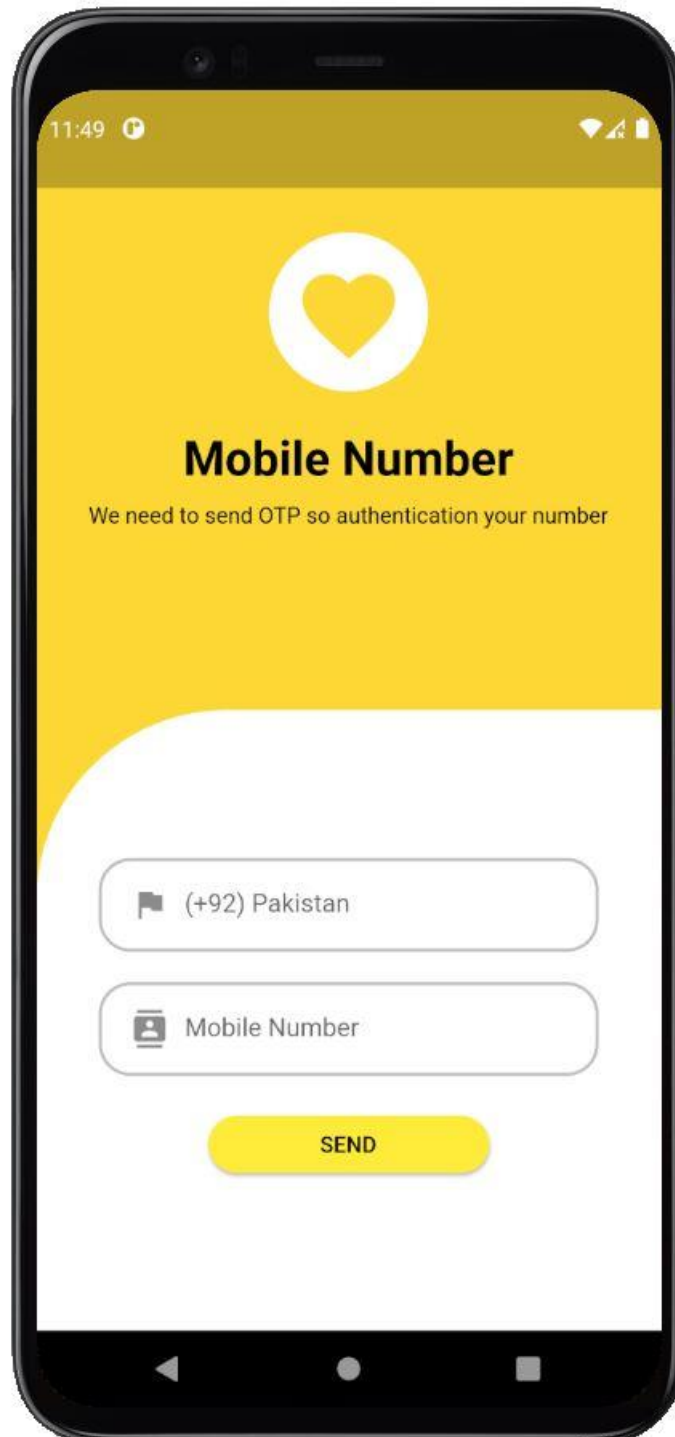
));

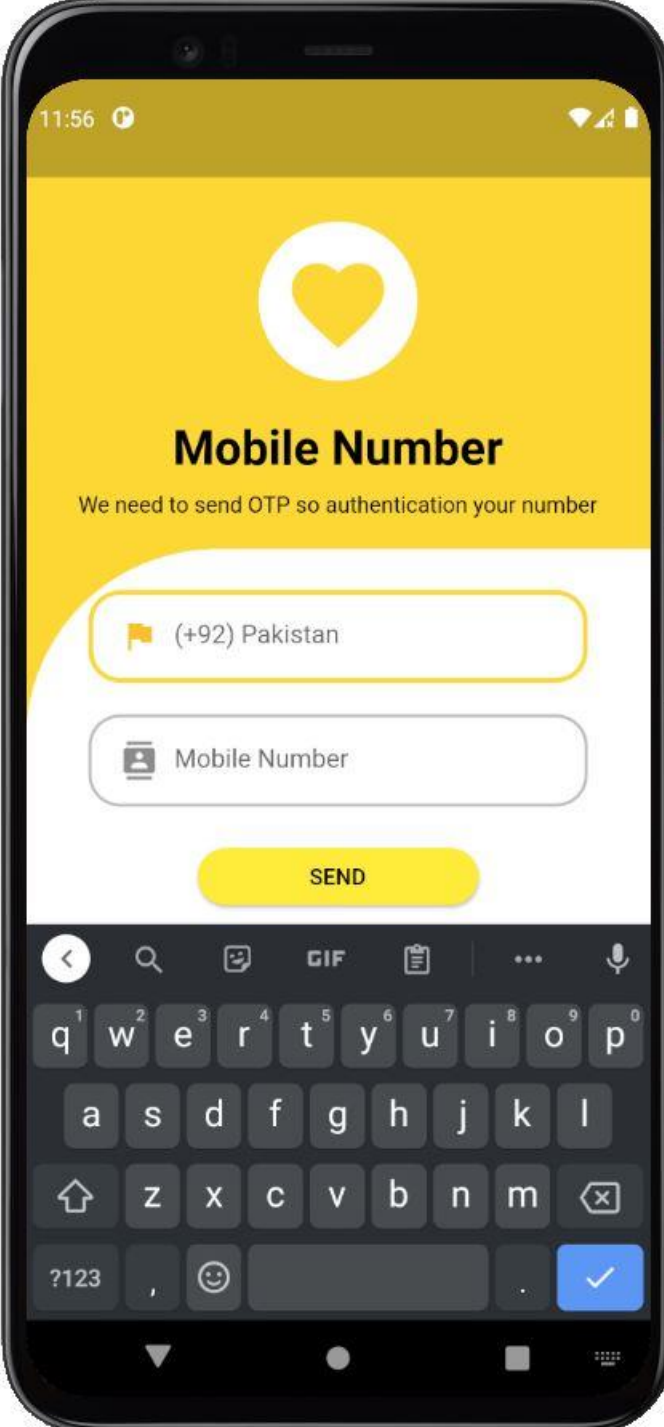
}

}
```



Output:





11:56

Heart icon

Mobile Number

We need to send OTP so authentication your number

(+92) Pakistan

Mobile Number

SEND

QWERTYUIOP
ASDFGHJKL
ZXCVBNM
?123 , .



SHAHAB ALAM

