**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:**







