/\*  
 \* Copyright (c) 2020. Serkan Koçoğlu.  
 \*/  
import 'dart:ui';  
import 'package:flutter/cupertino.dart';  
import 'package:flutter/material.dart';  
import 'package:flutter/painting.dart';  
  
//TAVUK ÜCRETİ 30 , YUMURTA ÜCRETİ 1 , İLK BAKİYE 1000  
  
void main() {  
 runApp(MyApp());  
}  
  
class MyApp extends StatelessWidget {  
 // This widget is the root of your application.  
 @override  
 Widget build(BuildContext context) {  
 return MaterialApp(  
 title: 'Flutter Demo',  
 theme: ThemeData(  
 primarySwatch: Colors.*blue*,  
 visualDensity: VisualDensity.*adaptivePlatformDensity*,  
 ),  
 home: MyHomePage(title: 'Çiftlik Bank Chapter 1: Tosunun kaçışı'),  
 );  
 }  
}  
  
class MyHomePage extends StatefulWidget {  
 MyHomePage({Key key, this.title}) : super(key: key);  
 int value;  
 final String title;  
  
 @override  
 \_MyHomePageState createState() => \_MyHomePageState();  
}  
  
class \_MyHomePageState extends State<MyHomePage> {  
 int \_counter = 0;  
 int tavuk = 3;  
 int bakiye = 1000;  
  
 @override  
 Widget build(BuildContext context) {  
 // This method is rerun every time setState is called, for instance as done  
 // by the \_incrementCounter method above.  
  
 return Scaffold(  
 backgroundColor: Colors.*amber*,  
 appBar: AppBar(  
 // Here we take the value from the MyHomePage object that was created by  
 // the App.build method, and use it to set our appbar title.  
 title: Text(widget.title),  
 ),  
 body: Center(  
 child: Container(  
 margin: const EdgeInsets.all(3.0),  
 decoration: BoxDecoration(  
 border: Border(  
 left: BorderSide(  
 // <--- left side  
 color: (Colors.*blue*),  
 width: 15.0,  
 ),  
 top: BorderSide(  
 // <--- top side  
 color: (Colors.*blue*[700]),  
 width: 15.0,  
 ),  
 right: BorderSide(  
 // <--- top side  
 color: (Colors.*blue*[500]),  
 width: 15.0,  
 ),  
 bottom: BorderSide(  
 // <--- top side  
 color: (Colors.*blue*[700]),  
 width: 15.0,  
 ),  
 ),  
 ),  
 child: Column(  
 mainAxisAlignment: MainAxisAlignment.start,  
 children: <Widget>[  
 Text(  
 "Yumurta sayısı: $\_counter",  
 style: TextStyle(fontWeight: FontWeight.*bold*, fontSize: 26),  
 ),  
 buttons(),  
 chickenBtn(),  
 Account(),  
 image(),  
 ],  
 ),  
 ),  
 ),  
 );  
 // This trailing comma makes auto-formatting nicer for build methods.  
 }  
  
 Widget buttons() {  
 return Row(  
 mainAxisAlignment: MainAxisAlignment.spaceEvenly,  
 children: <Widget>[  
 RaisedButton(  
 child: Text(  
 'Hasat Yap',  
 style: TextStyle(fontWeight: FontWeight.*bold*, fontSize: 18),  
 ),  
 color: Colors.*blue*,  
 elevation: 4.0,  
 splashColor: Colors.*yellow*,  
 onPressed: () {  
 \_incrementCounter();  
 }),  
 RaisedButton(  
 child: Text(  
 "Yumurta Sat x10",  
 style: TextStyle(fontWeight: FontWeight.*bold*, fontSize: 17),  
 ),  
 color: Colors.*blue*,  
 elevation: 4.0,  
 splashColor: Colors.*yellow*,  
 onPressed: () {  
 \_decrementCounter();  
 }),  
 ],  
 );  
 }  
  
 Widget chickenBtn() {  
 return Row(  
 mainAxisAlignment: MainAxisAlignment.spaceEvenly,  
 children: <Widget>[  
 Container(  
 decoration: BoxDecoration(  
 color: Colors.*amber*,  
 gradient: LinearGradient(  
 colors: [Colors.*blue*, Colors.*red*],  
 begin: Alignment.*centerLeft*,  
 end: Alignment.*centerRight*,  
 ),  
 ),  
 padding: const EdgeInsets.all(5.0),  
 width: 150,  
 height: 35,  
 alignment: Alignment.*center*,  
 child: Text(  
 'Tavuk Adedi: ${tavuk}',  
 style: TextStyle(fontWeight: FontWeight.*bold*, fontSize: 18),  
 ),  
 ),  
 increment\_decrement()  
 ],  
 );  
 }  
  
 Widget increment\_decrement() {  
 return Column(  
 mainAxisAlignment: MainAxisAlignment.spaceEvenly,  
 crossAxisAlignment: CrossAxisAlignment.start,  
 children: <Widget>[  
 RaisedButton(  
 child: Text(  
 '+',  
 style: TextStyle(fontWeight: FontWeight.*bold*),  
 ),  
 color: Colors.*blue*,  
 elevation: 4.0,  
 splashColor: Colors.*yellow*,  
 onPressed: () {  
 \_tavukAl();  
 }),  
 RaisedButton(  
 child: Text(  
 '-',  
 style: TextStyle(fontWeight: FontWeight.*bold*),  
 ),  
 color: Colors.*redAccent*,  
 elevation: 10.0,  
 splashColor: Colors.*yellow*,  
 onPressed: () {  
 \_tavukSat();  
 }),  
 ],  
 );  
 }  
  
 Widget Account() {  
 return Row(  
 mainAxisAlignment: MainAxisAlignment.center,  
 children: <Widget>[  
 Container(  
 margin: const EdgeInsets.only(left: 0.0, right: 00.0, top: 100),  
 width: 150,  
 height: 50,  
 alignment: Alignment.*center*,  
 child: Text(  
 'Bakiye : ${bakiye} \$',  
 style: TextStyle(fontWeight: FontWeight.*bold*, fontSize: 20),  
 ),  
 decoration: BoxDecoration(  
 color: Colors.*amber*,  
 borderRadius: BorderRadius.circular(10.0),  
 gradient: LinearGradient(  
 colors: [Colors.*blue*, Colors.*red*], //renk geçişi  
 begin: Alignment.*centerLeft*,  
 end: Alignment.*centerRight*,  
 ),  
 ),  
 ),  
 ],  
 );  
 }  
  
 Widget image() {  
 return Column(  
 mainAxisAlignment: MainAxisAlignment.center,  
 children: <Widget>[  
 Container(  
 decoration: BoxDecoration(  
 borderRadius: BorderRadius.all(Radius.circular(180.0)),  
 color: Colors.*redAccent*,  
 ),  
 margin: const EdgeInsets.only(left: 10.0, right: 10.0, top: 10),  
 child: CircleAvatar(  
 radius: 100,  
 backgroundImage: NetworkImage(  
 'https://im.haberturk.com/2018/07/17/ver1531824447/2062501\_981ddc14630425bef370c76bb3cfef54.jpg',  
 )),  
 ),  
 ],  
 );  
 }  
  
 void \_tavukSat() {  
 if (tavuk >= 1) {  
 setState(() {  
 bakiye = bakiye + 30;  
 tavuk--;  
 });  
 }  
 }  
 void \_tavukAl() {  
 if (bakiye >= 30) {  
 setState(() {  
 bakiye = bakiye - 30;  
 tavuk++;  
 });  
 }  
 }  
 void \_incrementCounter() {  
 //hasat yap  
 setState(() {  
 \_counter = \_counter + tavuk;  
 });  
 }  
 void \_decrementCounter() {  
 //yumurta sat  
 if (\_counter >= 10) {  
 setState(() {  
 \_counter = \_counter - 10;  
 bakiye = bakiye + 10;  
 });  
 }  
 }  
 void hesap() {  
 setState(() {  
 bakiye = bakiye + \_counter;  
 });  
 }  
}