import 'package:flutter/material.dart';  
import 'package:audioplayers/audioplayers.dart';  
import 'package:splashscreen/splashscreen.dart';  
  
void main() => runApp(XylophoneApp());  
  
class MyApp extends StatefulWidget {  
 @override  
 \_MyAppState createState() => new \_MyAppState();  
}  
  
class \_MyAppState extends State<MyApp> {  
 @override  
 Widget build(BuildContext context) {  
 return SplashScreen(  
 seconds: 40,  
 navigateAfterSeconds: XylophoneApp(),  
 title: Text(  
 'Welcome In SplashScreen',  
 style: TextStyle(fontWeight: FontWeight.*bold*, fontSize: 20.0),  
 ),  
 image: Image.network(  
 'https://flutter.io/images/catalog-widget-placeholder.png'),  
 backgroundColor: Colors.*white*,  
 loaderColor: Colors.*red*,  
 );  
 }  
}  
  
class XylophoneApp extends StatelessWidget {  
 void playSound(int soundNumber) {  
 final player = AudioCache();  
 player.play('note$soundNumber.wav');  
 }  
  
 Expanded buildKey({Color color, int soundNumber}) {  
 return Expanded(  
 child: FlatButton(  
 color: color,  
 onPressed: () {  
 playSound(soundNumber);  
 },  
 ),  
 );  
 }  
  
 @override  
 Widget build(BuildContext context) {  
 return MaterialApp(  
 home: Scaffold(  
 backgroundColor: Colors.*black*,  
 body: SafeArea(  
 child: Column(  
 crossAxisAlignment: CrossAxisAlignment.stretch,  
 children: <Widget>[  
 buildKey(color: Colors.*red*, soundNumber: 1),  
 buildKey(color: Colors.*orange*, soundNumber: 2),  
 buildKey(color: Colors.*yellow*, soundNumber: 3),  
 buildKey(color: Colors.*green*, soundNumber: 4),  
 buildKey(color: Colors.*teal*, soundNumber: 5),  
 buildKey(color: Colors.*blue*, soundNumber: 6),  
 buildKey(color: Colors.*purple*, soundNumber: 7),  
 ],  
 ),  
 ),  
 ),  
 );  
 }  
}