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Xylophone

Main.dart

```
import 'package:flutter/material.dart';
import 'package:audioplayers/audioplayers.dart';
void main() {
runApp (MaterialApp (
  home: Scaffold(
     appBar: AppBar(title: Text('XYLOPHONE162'), centerTitle: true,),
    body: Xylo(),
  ),
));
}
class Xylo extends StatefulWidget {
const Xylo({Key? key}) : super(key: key);
@override
_XyloState createState() => _XyloState();
class XyloState extends State<Xylo> {
void playSound(int noteNumber) {
   final player = AudioCache();
  player.play("note$noteNumber.wav");
 }
 @override
Widget build(BuildContext context) {
   return Column (
     crossAxisAlignment: CrossAxisAlignment.stretch,
     children: [
       Expanded(child: TextButton(
         style: TextButton.styleFrom(
             backgroundColor: Colors.white
         ),
         onPressed: () {
           playSound(1);
         },
         child: Text('First'),
       ),),Expanded(child: TextButton(
         style: TextButton.styleFrom(
             backgroundColor: Colors.lightGreen
         ),
         onPressed: () {
           playSound(2);
         },
```

```
child: Text('Second'),
    ),),
    Expanded(child: TextButton(
      style: TextButton.styleFrom(
          backgroundColor: Colors.black54
      ),
      onPressed: () {
        playSound(3);
      },
      child: Text('Third'),
    ),),
    Expanded(child: TextButton(
      style: TextButton.styleFrom(
          backgroundColor: Colors.teal
      ),
      onPressed: () {
        playSound(4);
      },
      child: Text('Fourth'),
    ),),
    Expanded(child: TextButton(
      style: TextButton.styleFrom(
          backgroundColor: Colors.amber
      ),
      onPressed: () {
        playSound(5);
      },
      child: Text('Fifth'),
    ),),
    Expanded(child: TextButton(
      style: TextButton.styleFrom(
          backgroundColor: Colors.cyan
      ),
      onPressed: () {
        playSound(6);
      },
      child: Text('Sixth'),
    Expanded(child: TextButton(
      style: TextButton.styleFrom(
          backgroundColor: Colors.lime
      ), onPressed: () {
      playSound(7);
    },
      child: Text('Seventh'),
    ),)
  ],
);
```

Widget_test.dart

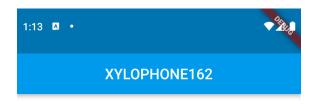
```
import 'package:flutter/material.dart';
import 'package:flutter_test/flutter_test.dart';
import 'package:xylophone162/main.dart';
void main() {
testWidgets('Counter increments smoke test', (WidgetTester tester) async {
  // Build our app and trigger a frame.
   await tester.pumpWidget(MaterialApp());
   // Verify that our counter starts at 0.
   expect(find.text('0'), findsOneWidget);
  expect(find.text('1'), findsNothing);
  // Tap the '+' icon and trigger a frame.
   await tester.tap(find.byIcon(Icons.add));
  await tester.pump();
  // Verify that our counter has incremented.
   expect(find.text('0'), findsNothing);
  expect(find.text('1'), findsOneWidget);
 });
```

Pubspec.yaml

```
cupertino_icons: ^1.0.2
audioplayers: ^0.19.1

# the material Icons class.
uses-material-design: true
assets:
   - assets/
```

OUTPUT:



First

