

Name:-Vinayak P Bhupal
USN:-1NT19IS187

HYBRID APPLICATION DEVELOPMENT LAB (FLUTTER)

XYLOPHONE:

```
import 'package:flutter/material.dart';
import 'package:audioplayers/audioplayers.dart';
void main() {
  runApp(const MaterialApp(
    home: Scaffold(
      appBar: AppBar(title : Text('XYLOPHONE187'), 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("assets_note$noteNumber.wav");

  }

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

```
return Column(  
  crossAxisAlignment: CrossAxisAlignment.stretch,  
  children: [
```

```
    Expanded(child: TextButton(  
      style: TextButton.styleFrom(  
        backgroundColor: Colors.purple  
      ),  
      onPressed: ()  
      {  
        playSound(1);  
      },  
      child: Text('First'),  
    )),
```

```
    Expanded(child: TextButton(  
      style: TextButton.styleFrom(  
        backgroundColor: Colors.blue  
      ),  
      onPressed: ()  
      {  
        playSound(2);  
      },  
      child: Text('second'),  
    )),
```

```
    Expanded(child: TextButton(  
      style: TextButton.styleFrom(  
        backgroundColor: Colors.indigo  
      ),  
      onPressed: ()  
      {  
        playSound(3);  
      },  
      child: Text('third'),  
    )),
```

```
    Expanded(child: TextButton(  
      style: TextButton.styleFrom(  
        backgroundColor: Colors.pink  
      ),  
      onPressed: ()  
      {
```

```

        playSound(4);
      },
      child: Text('Fourth'),
    ),),
    Expanded(child: TextButton(
      style: TextButton.styleFrom(
        backgroundColor: Colors.green
      ),
      onPressed: ()
      {
        playSound(5);
      },
      child: Text('Fifth'),
    ),),
    Expanded(child: TextButton(
      style: TextButton.styleFrom(
        backgroundColor: Colors.amber
      ),
      onPressed: ()
      {
        playSound(6);
      },
      child: Text('sixth'),
    ),),
    Expanded(child: TextButton(
      style: TextButton.styleFrom(
        backgroundColor: Colors.orange
      ),
      onPressed: ()
      {
        playSound(1);
      },
      child: Text('seventh'),
    ),),
  ],
);
}
}

```

OUTPUT:-

