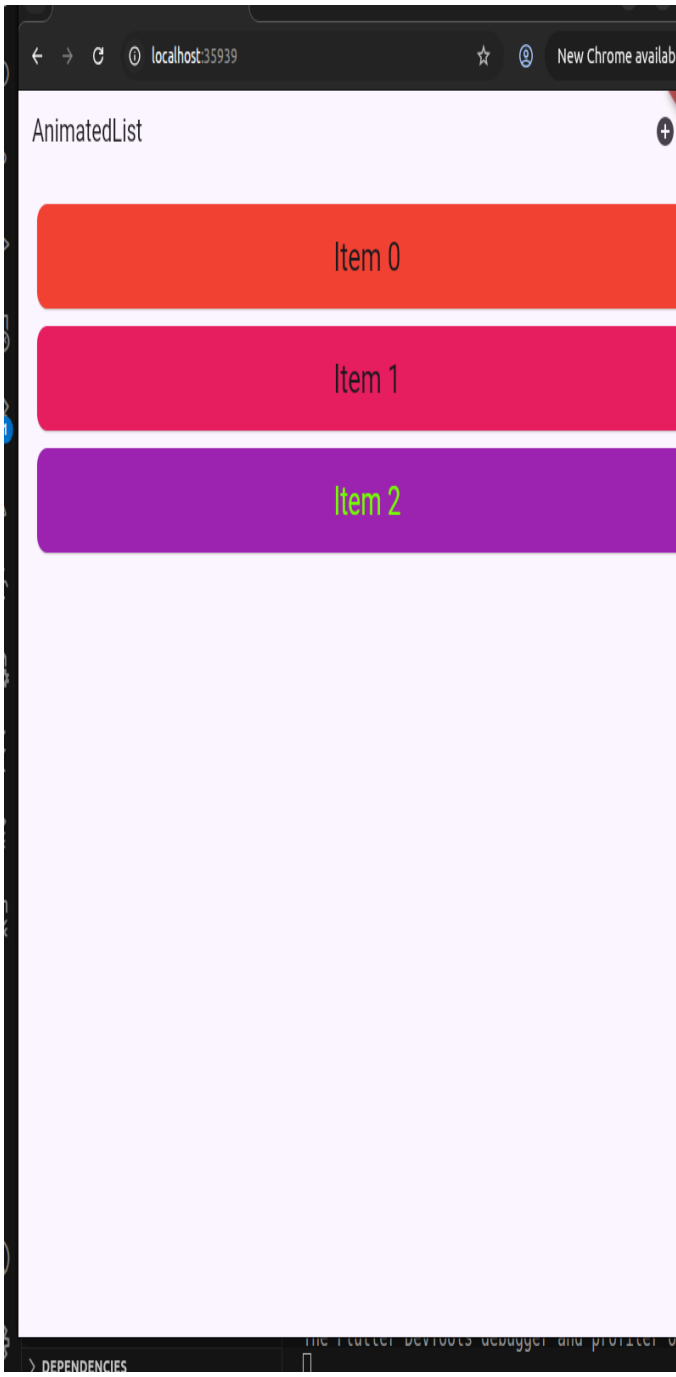
```dart
import 'package:flutter/material.dart';

/// Flutter code sample for [AnimatedList].
void main() {
 runApp(const AnimatedListSample());
}

class AnimatedListSample extends
StatefulWidget {
 const AnimatedListSample({super.key});

 @override
 State<AnimatedListSample> createState() =>
_AnimatedListSampleState();
}

class _AnimatedListSampleState extends
State<AnimatedListSample> {
 final GlobalKey<AnimatedListState> _listKey
= GlobalKey<AnimatedListState>();
 late ListModel<int> _list;
 int? _selectedItem;
 late int _nextItem; // The next item
inserted when the user presses '+'

 @override
 void initState() {
   super.initState();
   _list = ListModel<int>(
     listKey: _listKey,
     initialItems: <int>[0, 1, 2],
     removedItemBuilder: _buildRemovedItem,
   );
   _nextItem = 3;
 }

 // Used to build list items that haven't been removed.
 Widget _buildItem(BuildContext context, int index, Animation<double>
animation) {
   return CardItem(
```



```
      animation: animation,
      item: _list[index],
      selected: _selectedItem == _list[index],
      onTap: () {
        setState(() {
          _selectedItem = _selectedItem == _list[index] ? null :
_list[index];
        });
      },
    );
  }

  /// The builder function used to build items that have been removed.
  ///
  /// This method is needed because a removed item remains visible until
its
  /// animation has completed (even though it's gone as far as this
ListModel is concerned).
  Widget _buildRemovedItem(int item, BuildContext context,
Animation<double> animation) {
    return CardItem(
      animation: animation,
      item: item,
      // No gesture detector here: removed items are not interactive.
    );
  }

  // Insert the "next item" into the list model.
  void _insert() {
    final int index = _selectedItem == null ? _list.length :
_list.indexOf(_selectedItem!);
    _list.insert(index, _nextItem);
    _nextItem++;
  }

  // Remove the selected item from the list model.
  void _remove() {
    if (_selectedItem != null) {
      _list.removeAt(_list.indexOf(_selectedItem!));
      setState(() {
```

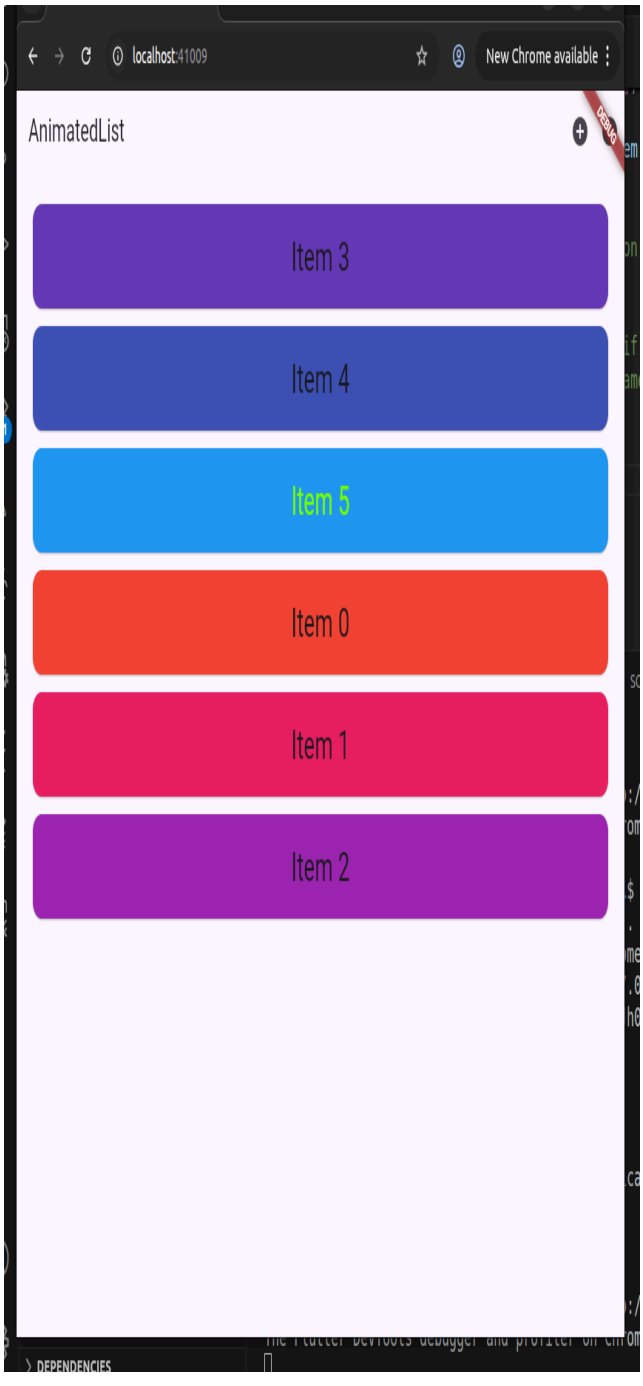
```
      _selectedItem = null;
    });
  }
}

@override
Widget build(BuildContext context) {
  return MaterialApp(
    home: Scaffold(
      appBar: AppBar(
        title: const Text('AnimatedList'),
        actions: <Widget>[
          IconButton(
            icon: const Icon(Icons.add_circle),
            onPressed: _insert,
            tooltip: 'insert a new item',
          ),
          IconButton(
            icon: const Icon(Icons.remove_circle),
            onPressed: _remove,
            tooltip: 'remove the selected item',
          ),
        ],
      ),
      body: Padding(
        padding: const EdgeInsets.all(16.0),
        child: AnimatedList(
          key: _listKey,
          initialItemCount: _list.length,
          itemBuilder: _buildItem,
        ),
      ),
    ),
  );
}
}

typedef RemovedItemBuilder<T> = Widget Function(
T item,
BuildContext context,
```

```
 Animation<double> animation,
);

/// Keeps a Dart [List] in sync with an [AnimatedList].
///
/// The [insert] and [removeAt] methods apply to both the internal list
and
/// the animated list that belongs to [listKey].
///
/// This class only exposes as much of the Dart List API as is needed by
the
/// sample app. More list methods are easily added, however methods that
/// mutate the list must make the same changes to the animated list in
terms
/// of [AnimatedListState.insertItem] and [AnimatedListState.removeItem].
class ListModel<E> {
 ListModel({
   required this.listKey,
   required this.removedItemBuilder,
   Iterable<E>? initialItems,
 }) : _items = List<E>.from(initialItems ?? <E>[]);

 final GlobalKey<AnimatedListState> listKey;
 final RemovedItemBuilder<E> removedItemBuilder;
 final List<E> _items;

 AnimatedListState? get _animatedList => listKey.currentState;

 void insert(int index, E item) {
   _items.insert(index, item);
   _animatedList!.insertItem(index);
 }

 E removeAt(int index) {
   final E removedItem = _items.removeAt(index);
   if (removedItem != null) {
     _animatedList!.removeItem(
       index,
       (BuildContext context, Animation<double> animation) {
         return removedItemBuilder(removedItem, context, animation);
```

```
      },
    );
  }
  return removedItem;
 }

 int get length => _items.length;

 E operator [](int index) => _items[index];

 int indexOf(E item) => _items.indexOf(item);
}

/// Displays its integer item as 'Item N' on a Card whose color is based
on
/// the item's value.
///
/// The text is displayed in bright green if [selected] is true. This
widget's
/// height is based on the [animation] parameter, it varies from 0 to 128
as
/// the animation varies from 0.0 to 1.0.
class CardItem extends StatelessWidget {
 const CardItem({
  super.key,
  this.onTap,
  this.selected = false,
  required this.animation,
  required this.item,
 }) : assert(item >= 0);

 final Animation<double> animation;
 final VoidCallback? onTap;
 final int item;
 final bool selected;

 @override
 Widget build(BuildContext context) {
  TextStyle textStyle = Theme.of(context).textTheme.headlineMedium!;
  if (selected) {
```

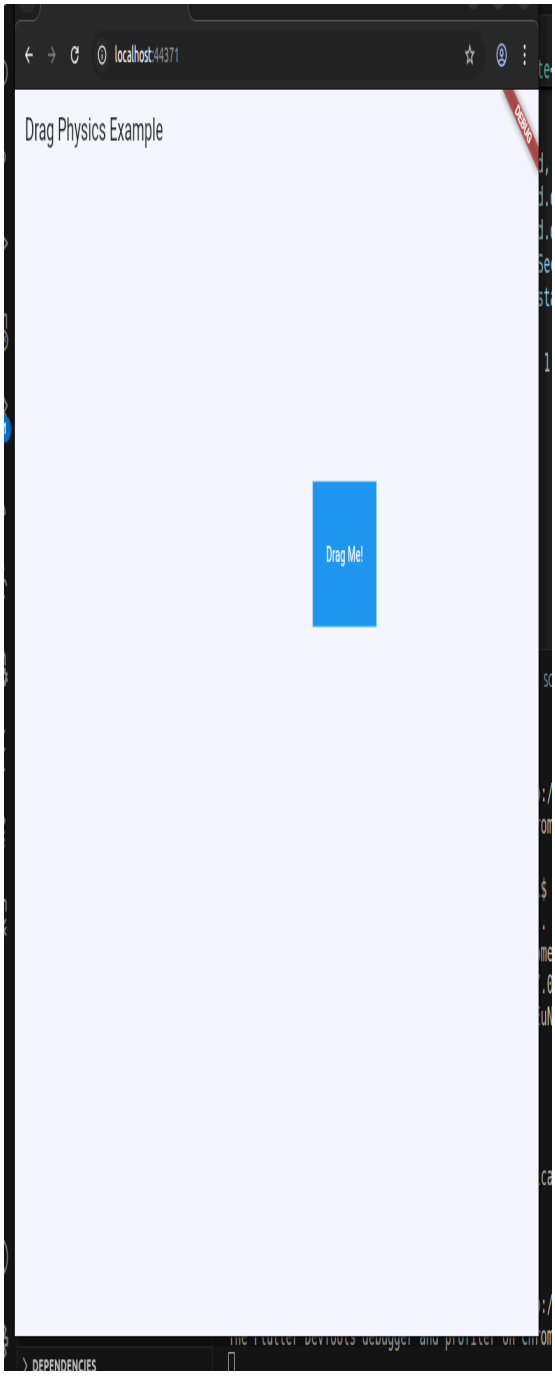
```
      textStyle = textStyle.copyWith(color: Colors.lightGreenAccent[400]);
    }
    return Padding(
      padding: const EdgeInsets.all(2.0),
      child: SizeTransition(
        sizeFactor: animation,
        child: GestureDetector(
          behavior: HitTestBehavior.opaque,
          onTap: onTap,
          child: SizedBox(
            height: 80.0,
            child: Card(
              color: Colors.primaries[item % Colors.primaries.length],
              child: Center(
                child: Text(
                  'Item $item',
                  style: textStyle,
                ),
              ),
            ),
          ),
        ),
      ),
    );
  }
}
```

```dart
import 'package:flutter/material.dart';
/// Flutter code sample for [AnimatedContainer].
void main() => runApp(const
AnimatedContainerExampleApp());
class AnimatedContainerExampleApp extends
StatelessWidget {
const
AnimatedContainerExampleApp({super.key});
@override
Widget build(BuildContext context) {
return MaterialApp(
home: Scaffold(
appBar: AppBar(title: const
Text('AnimatedContainer
Sample')),
body: const AnimatedContainerExample(),
),
);
}
}
class AnimatedContainerExample extends
StatefulWidget {
const
AnimatedContainerExample({super.key});
@override
State<AnimatedContainerExample>
createState()
=> _AnimatedContainerExampleState();
}
class _AnimatedContainerExampleState
extends
State<AnimatedContainerExample> {

bool selected = false;
@override
Widget build(BuildContext context) {
return GestureDetector(
onTap: () {
setState(() {
selected = !selected;
```



```
});
},
child: Center(
child: AnimatedContainer(
width: selected ? 200.0 : 100.0,
height: selected ? 100.0 : 200.0,
color: selected ? Colors.red : Colors.blue,
alignment: selected ? Alignment.center :
AlignmentDirectional.topCenter,
duration: const Duration(seconds: 2),
curve: Curves.fastOutSlowIn,
child: const FlutterLogo(size: 75),
),
),
);
}
}
```

```dart
import 'package:flutter/material.dart';
import 'package:flutter/physics.dart';

void main() => runApp(const MyApp());

class MyApp extends StatelessWidget {
 const MyApp({super.key});

 @override
 Widget build(BuildContext context) {
   return MaterialApp(
     title: 'Drag Physics Example',
     theme: ThemeData(useMaterial3:
true, colorSchemeSeed: Colors.blue),
     home: const DragPhysicsExample(),
   );
 }
}

class DragPhysicsExample extends
StatefulWidget {
 const
DragPhysicsExample({super.key});

 @override
 State<DragPhysicsExample>
createState() =>
_DragPhysicsExampleState();
}

class _DragPhysicsExampleState extends
State<DragPhysicsExample>
   with SingleTickerProviderStateMixin
{
 late AnimationController _controller;
 late Animation<Offset> _animation;

 Offset position = Offset.zero; // Current position of the box
 Offset velocity = Offset.zero; // Velocity when released
```

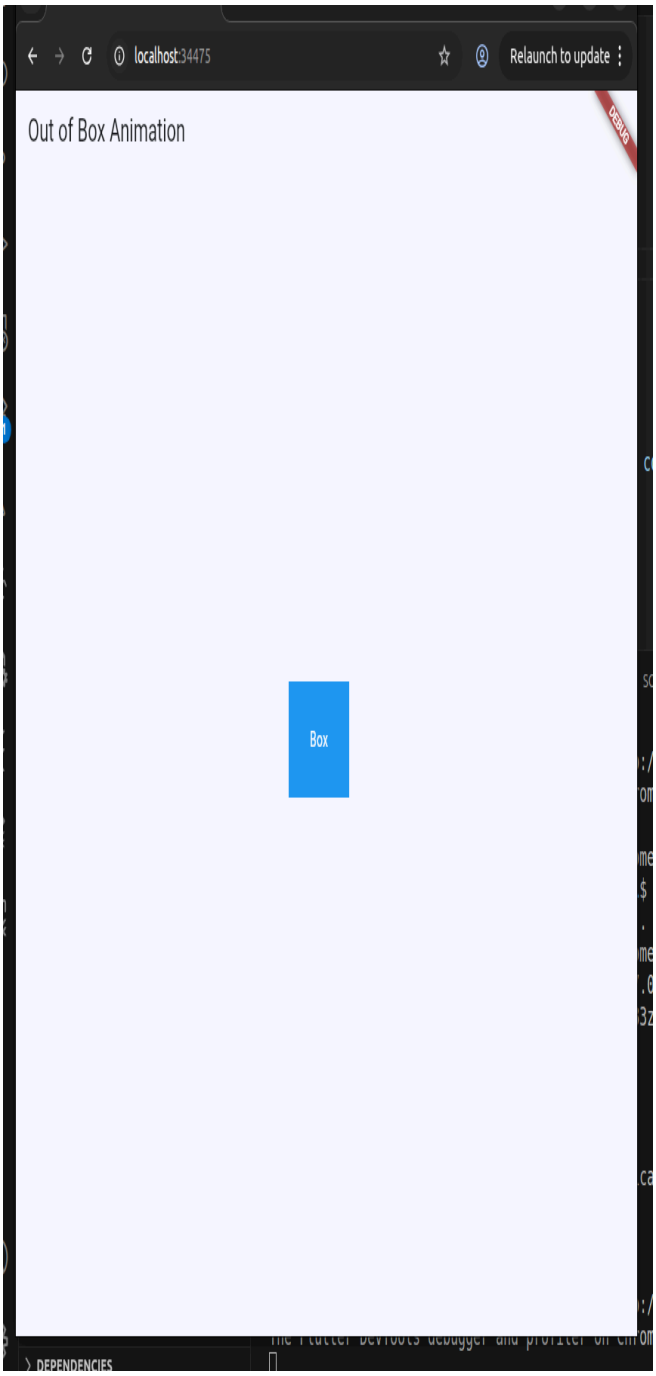


```
 @override
 void initState() {
   super.initState();
   _controller = AnimationController.unbounded(vsync: this);
   _controller.addListener(() {
     setState(() {
       position = _animation.value;
     });
   });
 }

 void _runAnimation(Offset pixelsPerSecond, Size size) {
   final unitsPerSecondX = pixelsPerSecond.dx / size.width;
   final unitsPerSecondY = pixelsPerSecond.dy / size.height;
   final unitsPerSecond = Offset(unitsPerSecondX, unitsPerSecondY);
   final unitVelocity = unitsPerSecond.distance;

   const spring = SpringDescription(mass: 1, stiffness: 100, damping: 1);

   final simulationX = SpringSimulation(
     spring,
     position.dx,
     0.0,
     -unitsPerSecondX,
   );
   final simulationY = SpringSimulation(
     spring,
     position.dy,
     0.0,
     -unitsPerSecondY,
   );

   _animation = _controller.drive(Tween(begin: position, end:
Offset.zero));

   _controller.animateWith(_TwoDPhysicsSimulation(simulationX,
simulationY));
 }

 @override
```

```dart
void dispose() {
  _controller.dispose();
  super.dispose();
}

@override
Widget build(BuildContext context) {
  return Scaffold(
    appBar: AppBar(title: const Text('Drag Physics Example')),
    body: GestureDetector(
      onPanStart: (details) {
  final size = MediaQuery.of(context).size;
        _controller.stop();
      },
      onPanUpdate: (details) {
        setState(() {
          position += Offset(
            details.delta.dx / size.width,
            details.delta.dy / size.height,
          );
        });
      },
      onPanEnd: (details) {
        _runAnimation(details.velocity.pixelsPerSecond, size);
      },
      child: Stack(
        children: [
          Align(
            alignment: Alignment(position.dx, position.dy),
            child: Container(
              width: 100,
              height: 100,
              color: Colors.blue,
              alignment: Alignment.center,
              child: const Text(
                'Drag Me!',
                style: TextStyle(color: Colors.white),
              ),
            ),
          ),
```

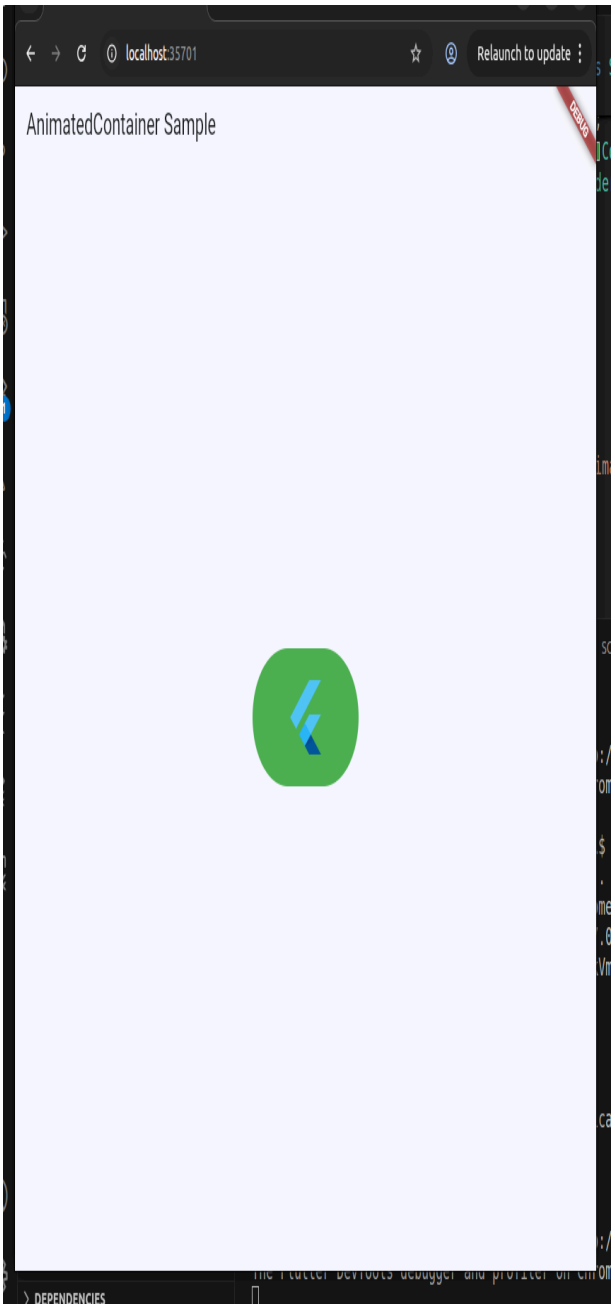
```
          ],
        ),
      ),
    );
  }
}

class _TwoDPhysicsSimulation extends Simulation {
  final Simulation simX;
  final Simulation simY;

  _TwoDPhysicsSimulation(this.simX, this.simY);

  @override
  double x(double time) => simX.x(time);
  double y(double time) => simY.x(time);

  @override
  double dx(double time) => simX.dx(time);
  double dy(double time) => simY.dx(time);

  @override
  bool isDone(double time) => simX.isDone(time) && simY.isDone(time);
}
```

```dart
import
'package:flutter/material.dart';

void main() => runApp(const MyApp());

class MyApp extends StatelessWidget {
 const MyApp({super.key});

 @override
 Widget build(BuildContext context) {
   return MaterialApp(
     title: 'Out of Box Animation',
     theme: ThemeData(useMaterial3:
true, colorSchemeSeed: Colors.blue),
     home: const OutOfBoxAnimation(),
   );
 }
}

class OutOfBoxAnimation extends
StatefulWidget {
 const OutOfBoxAnimation({super.key});

 @override
 State<OutOfBoxAnimation>
createState() =>
_OutOfBoxAnimationState();
}

class _OutOfBoxAnimationState extends
State<OutOfBoxAnimation> {
 bool _moved = false;

 @override
 Widget build(BuildContext context) {
   return Scaffold(
     appBar: AppBar(title: const Text('Out of Box Animation')),
     body: Center(
       child: SizedBox(
         width: 300,
```



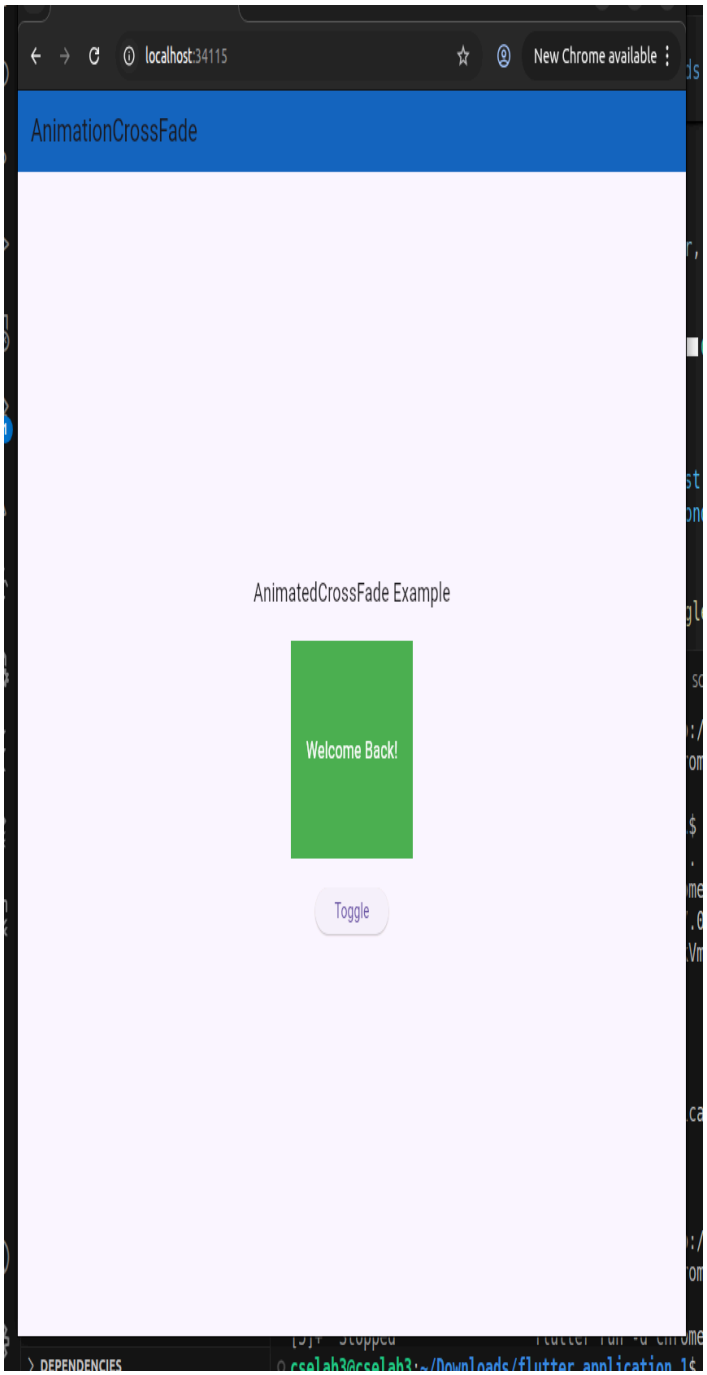
```
        height: 300,
        child: Stack(
          children: [
            AnimatedPositioned(
              duration: const Duration(seconds: 1),
              curve: Curves.easeInOut,
              left: _moved ? 150 : 100,
              top: _moved ? 200 : 100,
              child: GestureDetector(
                onTap: () {
                  setState(() {
                    _moved = !_moved;
                  });
                },
                child: Container(
                  width: 80,
                  height: 80,
                  color: Colors.blue,
                  alignment: Alignment.center,
                  child: const Text(
                    'Box',
                    style: TextStyle(color: Colors.white),
                  ),
                ),
              ),
            ),
          ],
        ),
      ),
    ),
  );
 }
}
```

```dart
import 'package:flutter/material.dart';

void main() => runApp(const MyApp());

class MyApp extends StatelessWidget {
 const MyApp({super.key});

 @override
 Widget build(BuildContext context) {
   return MaterialApp(
     title: 'AnimatedContainer
Sample',
     theme: ThemeData(useMaterial3:
true, colorSchemeSeed: Colors.blue),
     home: const
AnimatedContainerSample(),
   );
 }
}

class AnimatedContainerSample extends
StatefulWidget {
 const
AnimatedContainerSample({super.key});

 @override
 State<AnimatedContainerSample>
createState() =>
     _AnimatedContainerSampleState();
}

class _AnimatedContainerSampleState
extends
State<AnimatedContainerSample> {
 double _width = 100;
 double _height = 200;
 Color _color = Colors.blue;
 BorderRadiusGeometry _borderRadius = BorderRadius.circular(8);

 void _changeContainer() {
```



```
  setState(() {
    _width = _width == 100 ? 150 : 100;
    _height = _height == 200 ? 100 : 200;
    _color = _color == Colors.blue ? Colors.green : Colors.blue;
    _borderRadius = _borderRadius == BorderRadius.circular(8)
        ? BorderRadius.circular(50)
        : BorderRadius.circular(8);
  });
}

@override
Widget build(BuildContext context) {
  return Scaffold(
    appBar: AppBar(title: const Text('AnimatedContainer Sample')),
    body: Center(
      child: GestureDetector(
        onTap: _changeContainer,
        child: AnimatedContainer(
          width: _width,
          height: _height,
          decoration: BoxDecoration(
            color: _color,
            borderRadius: _borderRadius,
          ),
          duration: const Duration(seconds: 1),
          curve: Curves.easeInOut,
          child: const Center(child: FlutterLogo(size: 60)),
        ),
      ),
    ),
  );
}
}
```

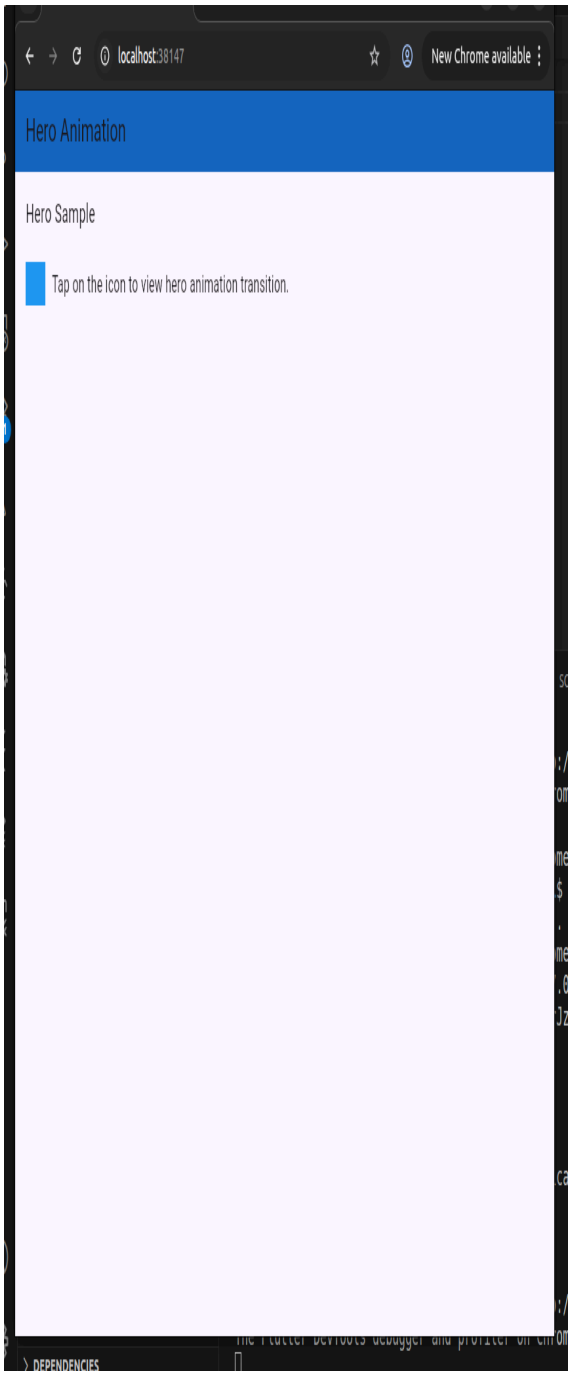
```dart
import 'package:flutter/material.dart';

void main() {
 runApp(AnimationCrossFadeApp());
}

class AnimationCrossFadeApp extends
StatelessWidget {
 @override
 Widget build(BuildContext context) {
   return MaterialApp(
     title: 'Animation CrossFade',
     debugShowCheckedModeBanner: false,
     home: AnimationCrossFadeScreen(),
   );
 }
}

class AnimationCrossFadeScreen extends
StatefulWidget {
 @override
 _AnimationCrossFadeScreenState
createState() =>
     _AnimationCrossFadeScreenState();
}

class _AnimationCrossFadeScreenState
extends State<AnimationCrossFadeScreen> {
 bool _showFirst = true;

 void _toggleView() {
   setState(() {
     _showFirst = !_showFirst;
   });
 }

 @override
 Widget build(BuildContext context) {
   return Scaffold(
     appBar: AppBar(
```



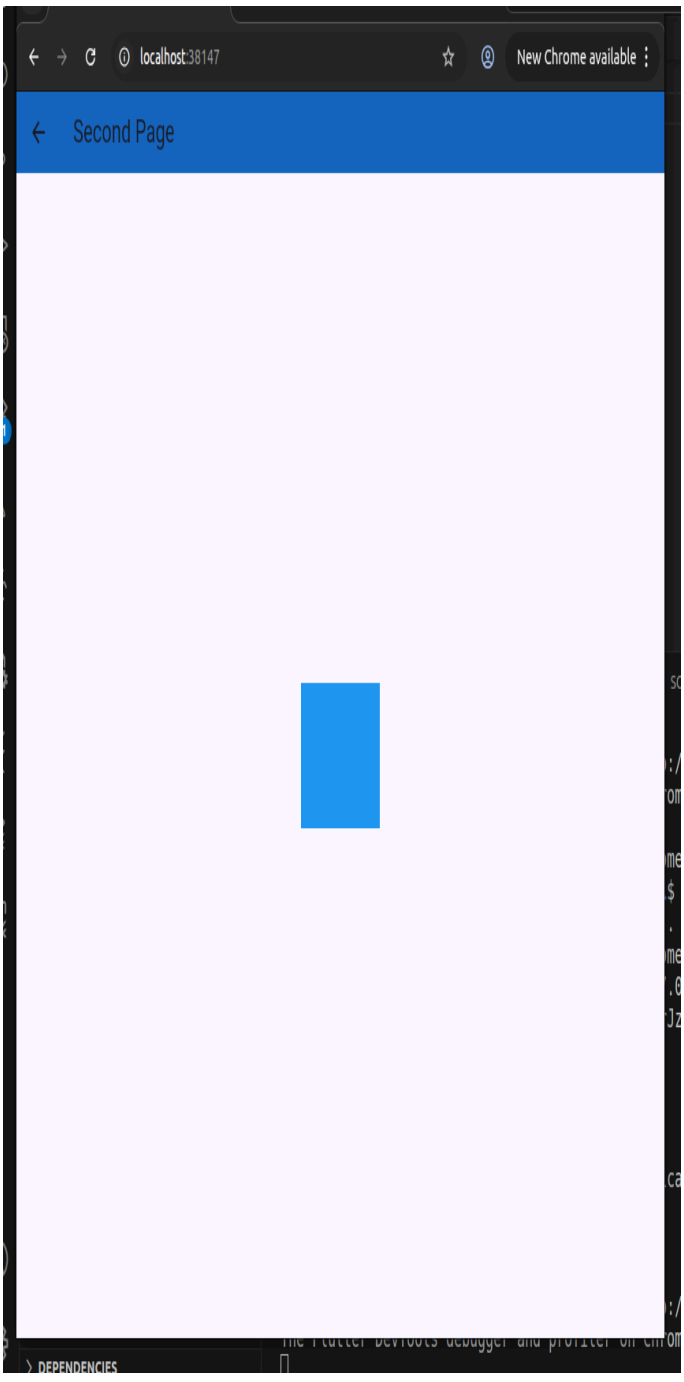
```
      title: const Text('AnimationCrossFade'),
      backgroundColor: Colors.blue[800],
    ),
    body: Center(
      child: Column(
        mainAxisAlignment: MainAxisAlignment.center,
        children: [
          const Text(
            "AnimatedCrossFade Example",
            style: TextStyle(fontSize: 18),
          ),
          const SizedBox(height: 20),
          AnimatedCrossFade(
            duration: const Duration(seconds: 1),
            firstChild: Container(
              width: 150,
              height: 150,
              color: Colors.blue,
              alignment: Alignment.center,
              child: const Text(
                "Hello, Flutter!",
                style: TextStyle(color: Colors.white, fontSize: 16),
              ),
            ),
            secondChild: Container(
              width: 150,
              height: 150,
              color: Colors.green,
              alignment: Alignment.center,
              child: const Text(
                "Welcome Back!",
                style: TextStyle(color: Colors.white, fontSize: 16),
              ),
            ),
            crossFadeState: _showFirst
                ? CrossFadeState.showFirst
                : CrossFadeState.showSecond,
          ),
          const SizedBox(height: 20),
```

```
          ElevatedButton(onPressed: _toggleView, child: const
Text("Toggle")),
        ],
      ),
    ),
  );
 }
}
```

```dart
import 'package:flutter/material.dart';

void main() {
 runApp(HeroAnimationApp());
}

class HeroAnimationApp extends
StatelessWidget {
 @override
 Widget build(BuildContext context) {
   return MaterialApp(
     title: 'Hero Animation',
     debugShowCheckedModeBanner: false,
     home: FirstPage(),
   );
 }
}

class FirstPage extends StatelessWidget
{
 @override
 Widget build(BuildContext context) {
   return Scaffold(
     appBar: AppBar(
       title: const Text('Hero
Animation'),
       backgroundColor:
Colors.blue[800],
     ),
     body: Padding(
       padding: const
EdgeInsets.all(16.0),
       child: Column(
         crossAxisAlignment: CrossAxisAlignment.start,
         children: [
           const Text("Hero Sample", style: TextStyle(fontSize: 18)),
           const SizedBox(height: 20),
           GestureDetector(
             onTap: () {
               Navigator.push(
```

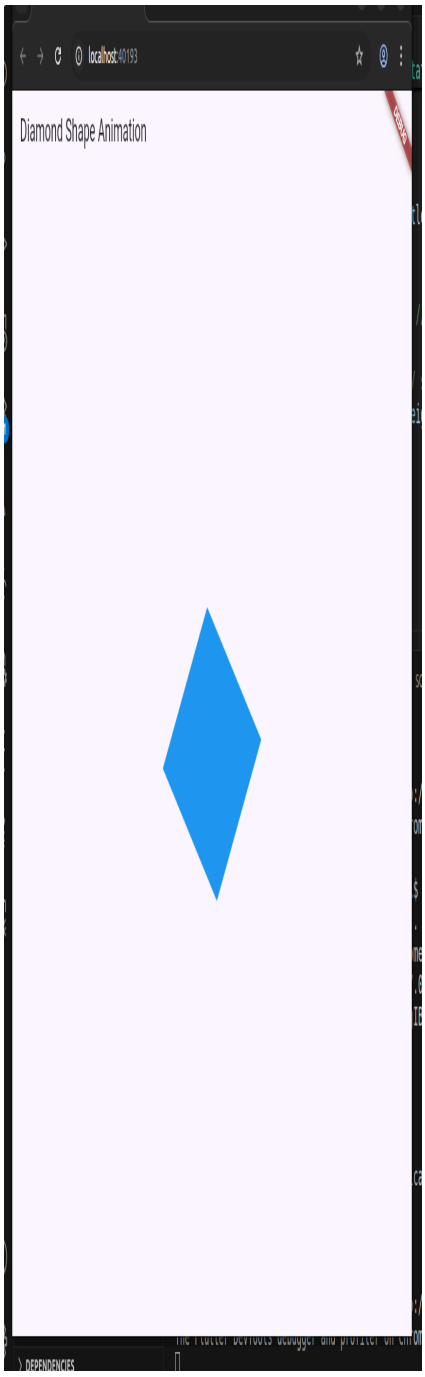


```
                context,
                MaterialPageRoute(builder: (context) => SecondPage()),
              );
            },
            child: Row(
              children: [
                Hero(
                  tag: 'hero-demo',
                  child:
Container(width: 30, height: 30,
color: Colors.blue),
                ),
                const
SizedBox(width: 10),
                const Expanded(
                  child: Text(
                    "Tap on the
icon to view hero animation
transition.",
                    style:
TextStyle(fontSize: 16),
                  ),
                ),
              ],
            ),
          ),
        ),
      ),
    );
  }
}

class SecondPage extends
StatelessWidget {
 @override
 Widget build(BuildContext context)
{
   return Scaffold(
     appBar: AppBar(
```



```
      title: const Text('Second Page'),
      backgroundColor: Colors.blue[800],
    ),
    body: Center(
      child: Hero(
        tag: 'hero-demo',
        child: Container(width: 100, height: 100, color: Colors.blue),
      ),
    ),
  );
 }
}
```

```dart
import 'package:flutter/material.dart';

void main() {
 runApp(MyApp());
}

class MyApp extends StatelessWidget {
 @override
 Widget build(BuildContext context) {
   return MaterialApp(
     title: 'Diamond Shape Tween Animation',
     theme: ThemeData(primarySwatch:
Colors.blue),
     home: DiamondAnimationPage(title: 'Diamond
Shape Animation'),
   );
 }
}

class DiamondAnimationPage extends
StatefulWidget {
 DiamondAnimationPage({Key? key, required
this.title}) : super(key: key);
 final String title;

 @override
 _DiamondAnimationPageState createState() =>
_DiamondAnimationPageState();
}

class _DiamondAnimationPageState extends
State<DiamondAnimationPage>
   with TickerProviderStateMixin {
 late AnimationController _controller;
 late Animation<double> _sizeAnimation;
 late Animation<double> _rotationAnimation;

 @override
 void initState() {
   super.initState();
```

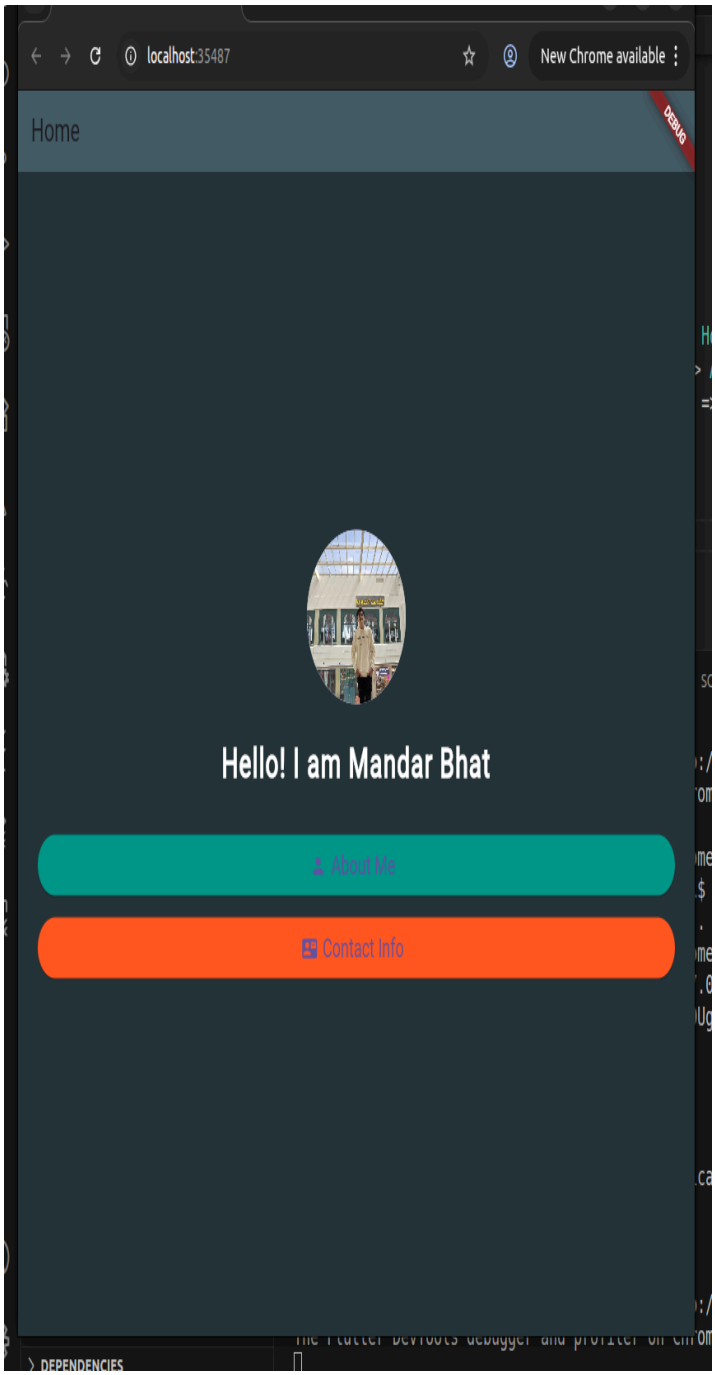


```
   // Initialize animation controller for 2 seconds duration
   _controller =
       AnimationController(vsync: this, duration: const Duration(seconds:
2))
         ..addListener(() => setState(() {}))
         ..addStatusListener((status) {
           if (status == AnimationStatus.completed) {
             _controller.reverse();
           } else if (status == AnimationStatus.dismissed) {
             _controller.forward();
           }
         });

   // Tween for scaling (size) from 1.0 to 1.5 for the diamond effect
   _sizeAnimation = Tween<double>(
     begin: 1.0,
     end: 1.5,
   ).animate(CurvedAnimation(parent: _controller, curve:
Curves.easeInOut));

   // Tween for rotation from 0 to 45 degrees (0.7854 radians)
   _rotationAnimation = Tween<double>(
     begin: 0,
     end: 0.7854,
   ).animate(CurvedAnimation(parent: _controller, curve:
Curves.easeInOut));

   // Start the animation
   _controller.forward();
 }

 @override
 void dispose() {
   _controller.dispose();
   super.dispose();
 }

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

```
    appBar: AppBar(title: Text(widget.title)),
    body: Center(
      child: Transform.rotate(
        angle: _rotationAnimation.value, // rotate by animated angle
        child: Transform.scale(
          scale: _sizeAnimation.value, // scale by animated scale
          child: Container(width: 100, height: 100, color: Colors.blue),
        ),
      ),
    ),
  );
 }
}
```

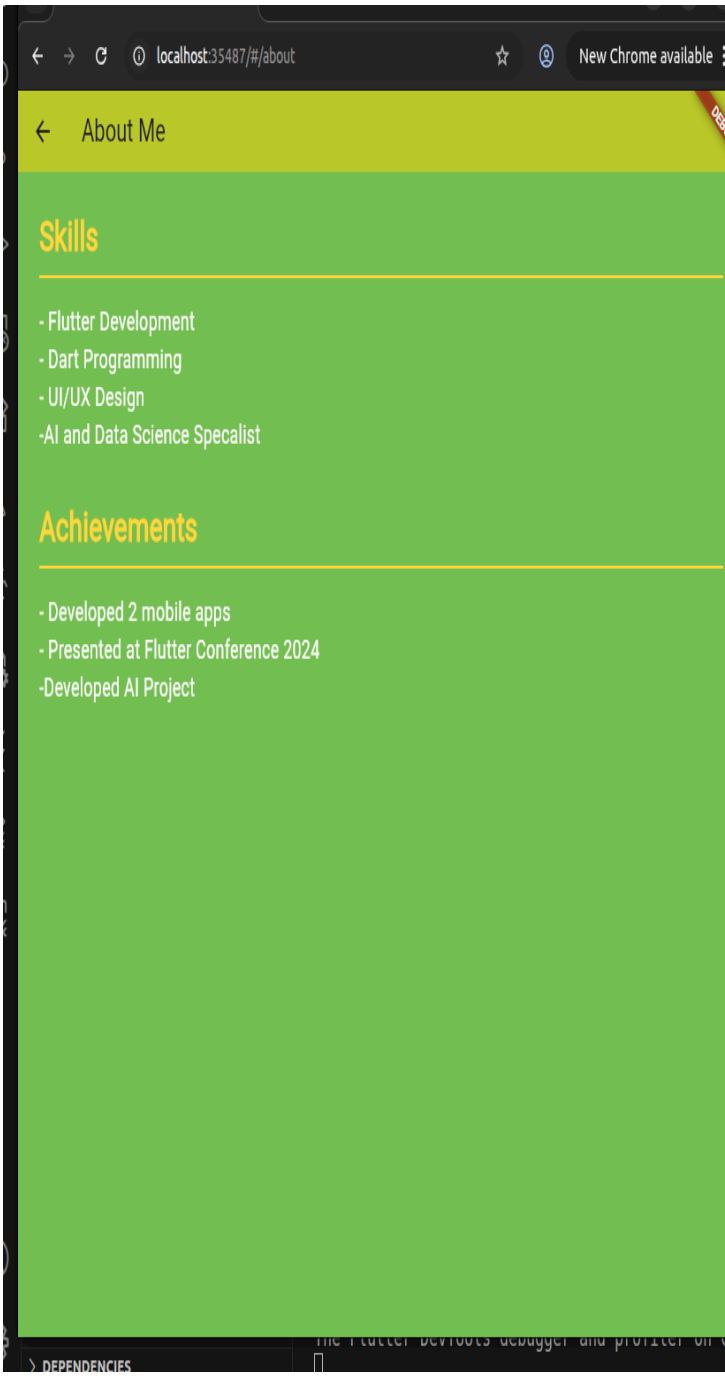
```dart
import 'package:flutter/material.dart';
import 'home_screen.dart';
import 'about_screen.dart';
import 'contact_screen.dart';

void main() {
 runApp(MyApp());
}

class MyApp extends StatelessWidget {
 @override
 Widget build(BuildContext context) {
   return MaterialApp(
     title: 'Named Navigation Demo',
     initialRoute: HomeScreen.routeName,
     routes: {
       HomeScreen.routeName: (context) => HomeScreen(),
       AboutScreen.routeName: (context) => AboutScreen(),
       ContactScreen.routeName: (context) => ContactScreen(),
     },
   );
 }
}
```

```dart
import
'package:flutter/material.dart';

class HomeScreen extends
StatelessWidget {
 static const routeName = '/';

 @override
 Widget build(BuildContext context) {
   return Scaffold(
     backgroundColor:
Colors.blueGrey[900],
     appBar: AppBar(
       title: Text('Home'),
       backgroundColor:
Colors.blueGrey[700],
     ),
     body: Center(
       child: Padding(
         padding: EdgeInsets.all(24),
         child: Column(
           mainAxisAlignment:
MainAxisAlignment.center,
           children: [
             CircleAvatar(
               radius: 60,
               backgroundImage:
AssetImage(
                 'mee.jpg',
               ), // Add your image in
assets
             ),
             SizedBox(height: 20),
             Text(
               'Hello! I am Mandar Bhat',
               style: TextStyle(
                 fontSize: 28,
                 fontWeight: FontWeight.bold,
                 color: Colors.white,
                 letterSpacing: 1.2,
```



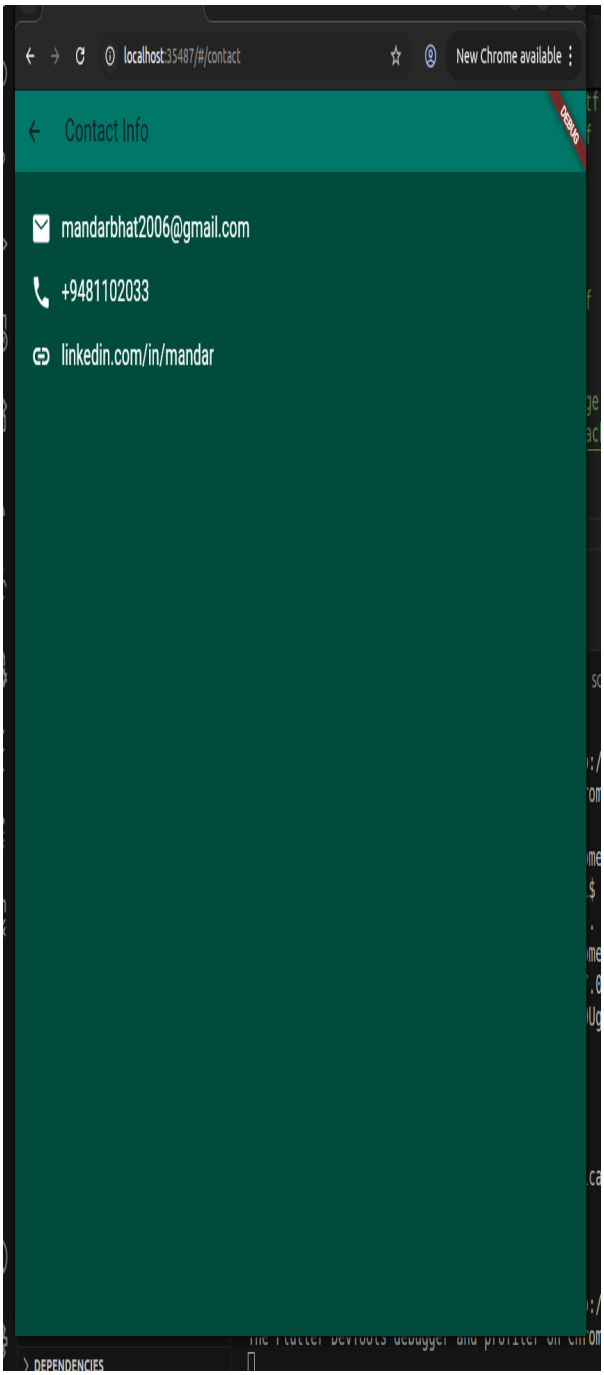
```
            ),
            textAlign: TextAlign.center,
          ),
          SizedBox(height: 30),
          ElevatedButton.icon(
            icon: Icon(Icons.person),
            label: Text('About Me'),
            style: ElevatedButton.styleFrom(
              minimumSize: Size(double.infinity, 50),
              backgroundColor: Colors.teal,
              textStyle: TextStyle(fontSize: 18),
            ),
            onPressed: () {
              Navigator.pushNamed(context, '/about');
            },
          ),
          SizedBox(height: 15),
          ElevatedButton.icon(
            icon: Icon(Icons.contact_mail),
            label: Text('Contact Info'),
            style: ElevatedButton.styleFrom(
              minimumSize: Size(double.infinity, 50),
              backgroundColor: Colors.deepOrange,
              textStyle: TextStyle(fontSize: 18),
            ),
            onPressed: () {
              Navigator.pushNamed(context, '/contact');
            },
          ),
        ],
      ),
    ),
  );
 }
}
```

```dart
import 'package:flutter/material.dart';

class AboutScreen extends StatelessWidget {
 static const routeName = '/about';

 @override
 Widget build(BuildContext context) {
   return Scaffold(
     backgroundColor: const
Color.fromARGB(255, 117, 190, 81),
     appBar: AppBar(
       title: Text('About Me'),
       backgroundColor: const
Color.fromARGB(255, 188, 201, 41),
     ),
     body: Padding(
       padding: EdgeInsets.all(24),
       child: Column(
         crossAxisAlignment:
CrossAxisAlignment.start,
         children: [
           Text(
             'Skills',
             style: TextStyle(
               fontSize: 28,
               fontWeight:
FontWeight.bold,
               color: Colors.amberAccent,
             ),
           ),
           Divider(color:
Colors.amberAccent, thickness: 2),
           SizedBox(height: 10),
           Text(
             '- Flutter Development\n-
Dart Programming\n- UI/UX Design\n-AI and
Data Science Specalist',
             style: TextStyle(fontSize: 18, color: Colors.white),
           ),
           SizedBox(height: 30),
```



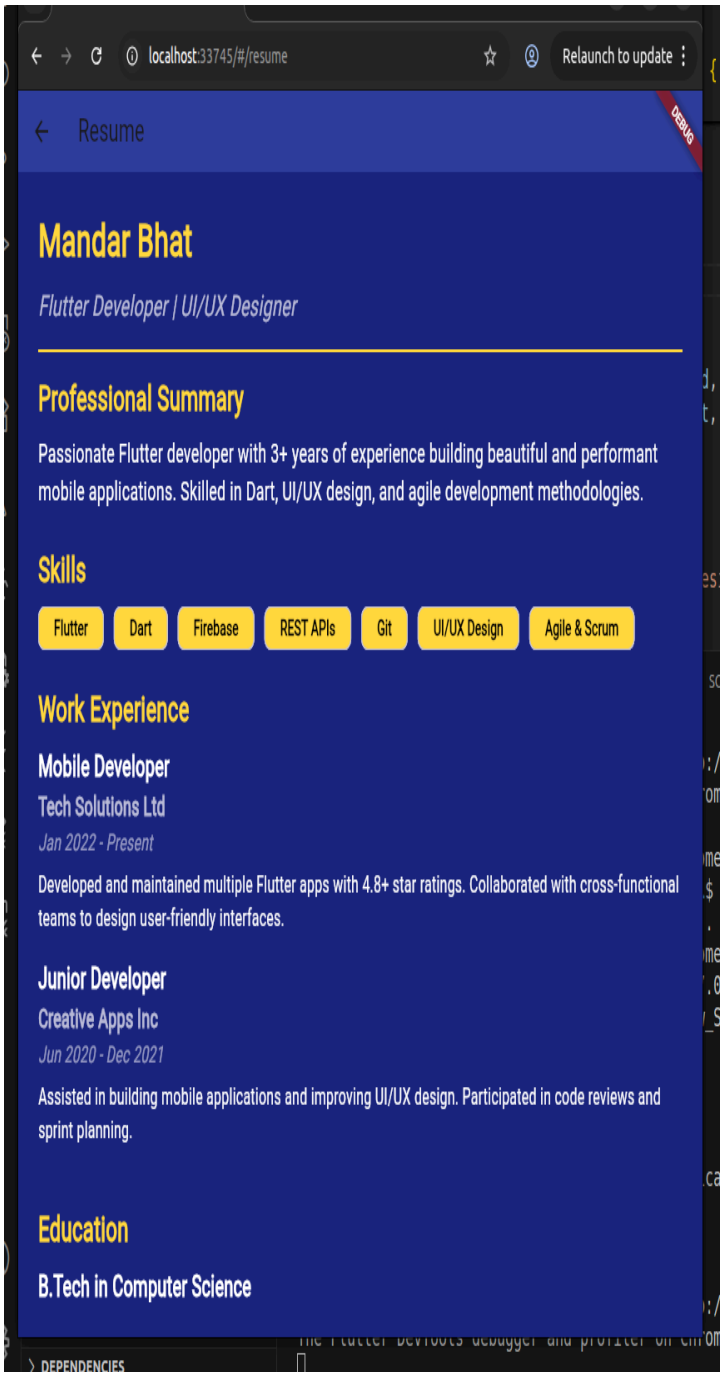
```
            Text(
              'Achievements',
              style: TextStyle(
                fontSize: 28,
                fontWeight: FontWeight.bold,
                color: Colors.amberAccent,
              ),
            ),
            Divider(color: Colors.amberAccent, thickness: 2),
            SizedBox(height: 10),
            Text(
              '- Developed 2 mobile apps\n- Presented at Flutter Conference
2024\n-Developed AI Project',
              style: TextStyle(fontSize: 18, color: Colors.white),
            ),
          ],
        ),
      ),
    );
  }
}
```

```dart
import
'package:flutter/material.dart';

class ContactScreen extends
StatelessWidget {
 static const routeName =
'/contact';

 @override
 Widget build(BuildContext context)
{
   return Scaffold(
     backgroundColor:
Colors.teal[900],
     appBar: AppBar(
       title: Text('Contact Info'),
       backgroundColor:
Colors.teal[700],
     ),
     body: Padding(
       padding: EdgeInsets.all(24),
       child: Column(
         crossAxisAlignment:
CrossAxisAlignment.start,
         children: [
           _contactRow(Icons.email,
'mandarbhat2006@gmail.com'),
           SizedBox(height: 15),
           _contactRow(Icons.phone,
'+9481102033'),
           SizedBox(height: 15),
           _contactRow(Icons.link,
'linkedin.com/in/mandar'),
         ],
       ),
     ),
   );
 }

 Widget _contactRow(IconData icon, String info) {
```



```
    return Row(
      children: [
        Icon(icon, color: Colors.white, size: 28),
        SizedBox(width: 15),
        Text(info, style: TextStyle(fontSize: 20, color: Colors.white)),
      ],
    );
  }
}
```

```dart
For Making about as resume
import 'package:flutter/material.dart';

class ResumeScreen extends
StatelessWidget {
 static const routeName =
'/resume';

 @override
 Widget build(BuildContext
context) {
   return Scaffold(
     backgroundColor:
Colors.indigo[900],
     appBar: AppBar(
       title: Text('Resume'),
       backgroundColor:
Colors.indigo[700],
     ),
     body: Padding(
       padding:
EdgeInsets.all(24),
       child: ListView(
         children: [
           Text(
             'Mandar Bhat',
             style: TextStyle(
               fontSize: 32,
               fontWeight:
FontWeight.bold,
               color:
Colors.amberAccent,
             ),
           ),
           SizedBox(height: 8),
           Text(
             'Flutter Developer |
UI/UX Designer',
             style: TextStyle(
               fontSize: 20,
```



```
              color: Colors.white70,
              fontStyle: FontStyle.italic,
            ),
          ),
          Divider(color: Colors.amberAccent, thickness: 2, height: 32),

          // Summary
          Text(
            'Professional Summary',
            style: TextStyle(
              fontSize: 24,
              fontWeight: FontWeight.bold,
              color: Colors.amberAccent,
            ),
          ),
          SizedBox(height: 8),
          Text(
            'Passionate Flutter developer with 3+ years of experience building beautiful and performant mobile applications. Skilled in Dart, UI/UX design, and agile development methodologies.',
            style: TextStyle(fontSize: 18, color: Colors.white),
          ),
          SizedBox(height: 24),

          // Skills
          Text(
            'Skills',
            style: TextStyle(
              fontSize: 24,
              fontWeight: FontWeight.bold,
              color: Colors.amberAccent,
            ),
          ),
          SizedBox(height: 8),
          Wrap(
            spacing: 12,
            runSpacing: 12,
            children: [
              _skillChip('Flutter'),
              _skillChip('Dart'),
```

```
              _skillChip('Firebase'),
              _skillChip('REST APIs'),
              _skillChip('Git'),
              _skillChip('UI/UX Design'),
              _skillChip('Agile & Scrum'),
            ],
          ),
          SizedBox(height: 24),

          // Experience
          Text(
            'Work Experience',
            style: TextStyle(
              fontSize: 24,
              fontWeight: FontWeight.bold,
              color: Colors.amberAccent,
            ),
          ),
          SizedBox(height: 8),
          _experienceTile(
            'Mobile Developer',
            'Tech Solutions Ltd',
            'Jan 2022 - Present',
            'Developed and maintained multiple Flutter apps with 4.8+
star ratings. Collaborated with cross-functional teams to design
user-friendly interfaces.',
          ),
          _experienceTile(
            'Junior Developer',
            'Creative Apps Inc',
            'Jun 2020 - Dec 2021',
            'Assisted in building mobile applications and improving UI/UX
design. Participated in code reviews and sprint planning.',
          ),
          SizedBox(height: 24),

          // Education
          Text(
            'Education',
            style: TextStyle(
```

```
              fontSize: 24,
              fontWeight: FontWeight.bold,
              color: Colors.amberAccent,
            ),
          ),
          SizedBox(height: 8),
          _educationTile(
            'B.Tech in Computer Science',
            'MS Ramaiah Institute of Technology',
            '2024 - 2028',
          ),
        ],
      ),
    ),
  );
}

Widget _skillChip(String label) {
  return Chip(
    label: Text(label),
    backgroundColor: Colors.amberAccent,
    labelStyle: TextStyle(color: Colors.black, fontWeight:
FontWeight.bold),
    padding: EdgeInsets.symmetric(horizontal: 10, vertical: 5),
  );
}

Widget _experienceTile(
  String position,
  String company,
  String duration,
  String details,
) {
  return Padding(
    padding: EdgeInsets.only(bottom: 16),
    child: Column(
      crossAxisAlignment: CrossAxisAlignment.start,
      children: [
        Text(
          position,
```

```
          style: TextStyle(
            fontSize: 20,
            fontWeight: FontWeight.bold,
            color: Colors.white,
          ),
        ),
        Text(
          company,
          style: TextStyle(
            fontSize: 18,
            fontWeight: FontWeight.w600,
            color: Colors.white70,
          ),
        ),
        Text(
          duration,
          style: TextStyle(
            fontSize: 16,
            fontStyle: FontStyle.italic,
            color: Colors.white54,
          ),
        ),
        SizedBox(height: 6),
        Text(details, style: TextStyle(fontSize: 16, color:
Colors.white)),
      ],
    ),
  );
 }

 Widget _educationTile(String degree, String school, String duration) {
   return Padding(
     padding: EdgeInsets.only(bottom: 16),
     child: Column(
       crossAxisAlignment: CrossAxisAlignment.start,
       children: [
         Text(
           degree,
           style: TextStyle(
             fontSize: 20,
```

```
              fontWeight: FontWeight.bold,
              color: Colors.white,
            ),
          ),
          Text(
            school,
            style: TextStyle(
              fontSize: 18,
              fontWeight: FontWeight.w600,
              color: Colors.white70,
            ),
          ),
          Text(
            duration,
            style: TextStyle(
              fontSize: 16,
              fontStyle: FontStyle.italic,
              color: Colors.white54,
            ),
          ),
        ],
      ),
    );
  }
}


CHAnGES tO BE MADE:
Update your main.dart routes to replace /about with /resume
import 'package:flutter/material.dart';
import 'home_screen.dart';
import 'resume_screen.dart';  // rename About to Resume
import 'contact_screen.dart';

void main() {
  runApp(MyApp());
}
```

```
class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      title: 'Named Navigation Demo',
      initialRoute: HomeScreen.routeName,
      routes: {
        HomeScreen.routeName: (context) => HomeScreen(),
        ResumeScreen.routeName: (context) => ResumeScreen(),
        ContactScreen.routeName: (context) => ContactScreen(),
      },
    );
  }
}
```

Update your Home Screen button to navigate to Resume Screen

In home_screen.dart, change this:

```
ElevatedButton.icon(
  icon: Icon(Icons.person),
  label: Text('About Me'),
  ...
  onPressed: () {
    Navigator.pushNamed(context, '/resume');
  },
),
```