

Name:-Vinayak P Bhupal  
USN:-1NT19IS187

## HYBRID APPLICATION DEVELOPMENT LAB (FLUTTER )

### WIDGETS:

### column:

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

void main() { runApp(MaterialApp(
  home: Scaffold( body: RowApp(),
), ));
}

class RowApp extends StatefulWidget {
  const RowApp({Key? key}) : super(key: key);

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

class _RowAppState extends State<RowApp> { @override
  Widget build(BuildContext context) {
    return Container( child: SafeArea(
      child: Row(
        mainAxisAlignment: MainAxisAlignment.spaceEvenly, crossAxisAlignment:
        CrossAxisAlignment.start, children: [
          Container(
            height: 100,
```

```

width: 100,

color: Colors.green, child: Center(

child: Text('First Child'), ),

),

Container(

height: 100,
width: 100,
color: Colors.red,
child: Center(

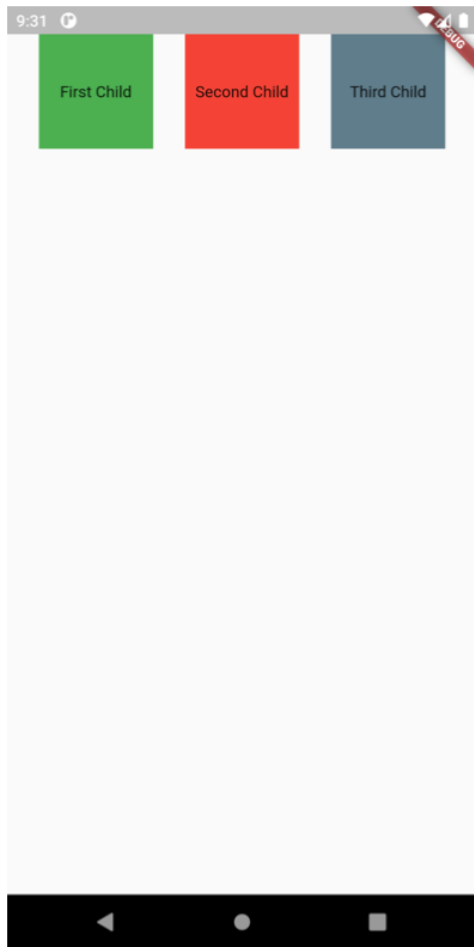
child:Text(
'Second Child'

)
),
),
Container(
height: 100,
width: 100,
color: Colors.blueGrey,
child: Center(

child:Text(
'Third Child'

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

```



**row:**

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

void main() {
  runApp(MaterialApp(

    home: Scaffold(

      body: RowApp(),

      const RowApp({Key? key}) : super(key: key);

      @override
      _RowAppState createState() => _RowAppState();
```

```

}
class _RowAppState extends State<RowApp> {

  @override
  Widget build(BuildContext context) {

    return Container(

      child: SafeArea(

        child: Column(

          mainAxisAlignment: MainAxisAlignment.spaceEvenly,

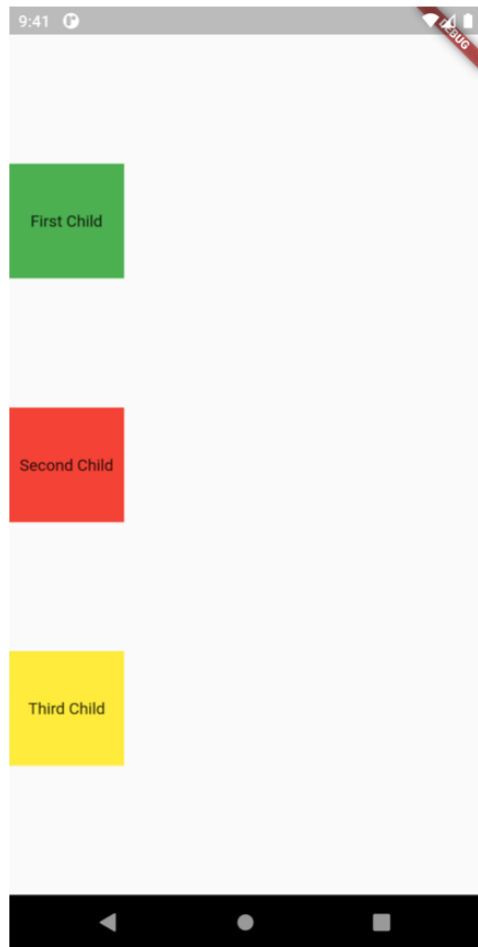
          crossAxisAlignment: CrossAxisAlignment.start,

          children:[
            Container(
              height: 100,
              width: 100,
              color: Colors.green, // change the color to red and green for other two
              child: Center(

                child: Text(
                  'First Child'

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

```



## DIAGONAL:

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

void main() {
  runApp(MaterialApp(

  ),
  )); }
}
debugShowCheckedModeBanner: false,

home:SafeArea(

child:ColumnApp(),
```

```

class ColumnApp extends StatefulWidget {

  const ColumnApp({Key? key}) : super(key: key);

  @override
  _ColumnAppState createState() => _ColumnAppState();

  class _ColumnAppState extends State<ColumnApp> {

    @override
    Widget build(BuildContext context) {

      return Scaffold(

        body: Row(
          mainAxisAlignment: MainAxisAlignment.spaceBetween,

          children:[
            Column(
              mainAxisAlignment: MainAxisAlignment.start,

              children:[Container(

                height: 100,
                width: 100,
                color: Colors.red,
                child: Center(

                  child: Text(
                    "First Child"

                  ),
                ), ), ], ),
            ), ), ),
          ], ),
        ),
      ),
    ],
  );

```

```
}  
}
```

