

## Practical No. 9

**Aim:** Write an Android program to demonstrate the concept of Layouts in Flutter.

**main.dart**

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

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

class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      title: 'Layout Demo',
      home: Scaffold(
        appBar: AppBar(
          title: Text('Layout Demo'),
        ),
        body: Center(
          child: Column(
            mainAxisAlignment: MainAxisAlignment.center,
            children: [
              Text('This is a column'),
              SizedBox(height: 20),
              Row(
                mainAxisAlignment: MainAxisAlignment.spaceAround,
                children: [
                  Container(
                    height: 50,
                    width: 50,
                    color: Colors.blue,
                  ),
                  Container(
                    height: 50,
                    width: 50,
                    color: Colors.red,
                  ),
                  Container(
                    height: 50,
                    width: 50,
                    color: Colors.green,
                  ),
                ],
              ),
            ],
          ),
        ),
      ),
    );
  }
}
```

```
    SizedBox(height: 20),
    Expanded(
      child: Container(
        color: Colors.yellow,
        child: Center(
          child: Text('This is an expanded container'),
        ),
      ),
    ),
  ],
),
),
);
}
```

Output

