Flutter

What is Flutter?	Flutter is Googles toolkit for building beautiful, natively compiled applications for mobile, web, and desktop from a single codebase.
What programming language is Flutter based on?	Dart
When was Flutter released?	December 2018
What well-known apps were created using Flutter?	Alibaba, New York Times, Tencent, Ebay, BMW, ...

Hello World in Flutter

```
import 'package:flutter/material.dart';
void main() => runApp(HelloWorldApp());
class HelloWorldApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      title: 'Hello World App',
      home: Scaffold(
        appBar: AppBar(
          title: Text('App Bar Title here'),
        ),
        body: Center(
          child: Text('Hello World'),
        ),
      ),
    );
  }
}
```

Create Widget

```
class RandomWords extends StatefulWidget {
  @override
  RandomWordsState createState() => RandomWordsS-
tate();
}
```

Add Something to a Widget

```
@override
Widget build(BuildContext context) {
  return Scaffold(
    appBar: AppBar(
      title: Text('Startup Name Generator'),
    ),
    body: _buildSuggestions(),
  );
}
```

Change appearance of a Widget

```
class RandomWordsState extends State<RandomWords>
{
  final _suggestions = <WordPair>[];
  final _biggerFont = const TextStyle(fontSize:
18.0);
}
```