1. Кроссплатформенная разработка мобильных приложений. Что это такое, плюсы и минусы данного подхода.
2. Dart. Преимущества и недостатки языка. Платформы на которых может работать Dart.
3. Dart types. Основные типы. Numbers. Strings. Booleans. Lists. Sets. Maps. Runes and grapheme clusters. Symbols.
4. Dart Class. Структура класса, типы наследования. Dart interface
5. Dart Mixins.
6. Dart functions. Рассказать о параметризации функций. Типы функций.
7. Dart Future. Назначение и применение.
8. Dart Stream. Назначение и применение.
9. Dart Isolate. Создание и взаимодействие с изолятом
10. Flutter. Рассказать о фреймворке. Архитектура
11. Flutter структура проекта.
12. Flutter Widget.Flutter State. Что это такое?
13. Flutter. Stateless Widget. StatefulWidget. Отличия. Применение.
14. Flutter Widget Tree. Element Tree. Render Tree.
15. Flutter. Layout Widgets. Single-child layout widgets. Align. AspectRatio. Baseline. Center. ConstrainedBox. Container. MediaQuery.
16. Flutter. Layout Widgets. Single-child layout widgets. Expanded.Padding. SizedBox.Transform.OverflowBox. FittedBox
17. Flutter. Layout Widgets. Multi-child layout widgets. Column.GridView.Stack.IndexedStack.
18. Flutter. Layout Widgets. Multi-child layout widgets. Row.ListView.ListTile.Table.Wrap.
19. Flutter Component Widgets. Appbar. RaisedButton. Scaffold. FloatingActionButton.
20. Flutter Component Widgets. Drawer. PopupButton. Date&Time Picker
21. Flutter Component Widgets. AlertDialog. BottomSheet. ExpansionPanel. SimpleDialog. SnackBar.
22. Flutter Component Widgets. Card. Divider.Stepper.Chip.
23. Flutter Touch interactions. Dismissible. DragTarget. Draggable. GestureDetector. LongPressDraggable
24. Flutter. Cupertino. CupertinoActionSheet. CupertinoSegmentedControl. CupertinoPicker
25. Flutter. Cupertino. CupertinoPageTransition. CupertinoPageScaffold. CupertinoNavigationBar
26. Flutter. Cupertino. CupertinoDialog. CupertinoButton. CupertinoContextMenu. CupertinoDatePicker. CupertinoTimerPicker.
27. Flutter. Cupertino. CupertinoTabScaffold. CupertinoTabView. CupertinoTextField. CupertinoButton.
28. Flutter. Navigation. PageView.
29. Flutter. Platform channel. Процесс создания. И способы его применения
30. Flutter. File System.
31. Flutter. Sqflite. SharedPreference.
32. Flutter. Permissions.
33. Flutter. Notifications.
34. Flutter. Firebase. Сервисы Firebase.
35. Flutter. FutureBuilder. StreamBuilder.
36. BLoC. Рассказать об этом архитектурном паттерне
37. Provider\*
38. ORM Hive
39. Flutter Unit Tests. Mockito
40. Flutter Widget Tests. Поиск Widget’ов.
41. Flutter Integration Tests