Practical No. 1

Program to demonstrate the features of Dart language.

Dart is an open-source general-purpose programming language developed by Google. It supports application development in both client and server-side. But it is widely used for the development of android apps, iOS apps, IoT(Internet of Things), and web applications using the Flutter Framework.

DartPad is an online code editor for the Dart language. In addition to executing regular Dart programs, it can run Flutter programs and show graphic output.

```
void main() {
  print("Hello World!");
}
```

The main() function is a predefined method in Dart. This method acts as the entry point to the application. A Dart script needs the main() method for execution. print() is a predefined function that prints the specified string or value to the standard output i.e. the terminal.

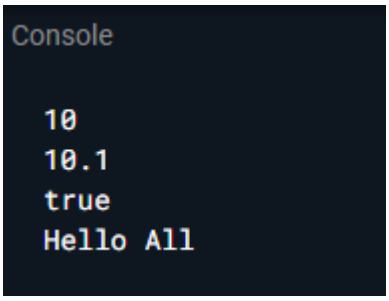
Type of the variable:

1. Integer
2. Double
3. String
4. Booleans
5. Lists
6. Map

CODE:

```
void main() {
// Declaring and initialising a variable
int num1= 10;

// Declaring another variable
double num2=10.1;
bool num3=true;


String str1 = "Hello All";

// Printing values of all the variables
print(num1); // Print 10
print(num2); // Print default double value
print(num3); // Print default bool value
print(str1);  // Print default string value
}
```

OUTPUT:



Different types of operators in Dart:

1. Arithmetic Operators
2. Relational Operators
3. Type Test Operators
4. Bitwise Operators
5. Assignment Operators
6. Logical Operators
7. Conditional Operator
8. Cascade Notation Operator

CODE:

```
void main() {
 int a = 2;
    int b = 3;

    // Adding a and b
    var c = a + b;
    print("Sum of a and b is $c");

    // Subtracting a and b
    var d = a - b;
    print("The difference between a and b is $d");

    // Using unary minus
    var e = -d;
    print("The negation of difference between a and b is $e");

    // Multiplication of a and b
    var f = a * b;
    print("The product of a and b is $f");

    // Division of a and b
    var g = b / a;
    print("The quotient of a and b is $g");

    // Using ~/ to divide a and b
    var h = b ~/ a;
    print("The quotient of a and b is $h");

    // Remainder of a and b
    var i = b % a;
    print("The remainder of a and b is $i");
}
```

OUTPUT:

```
Sum of a and b is 5
The difference between a and b is -1
The negation of difference between a and b is 1
The product of a and b is 6
The quotient of a and b is 1.5
The quotient of a and b is 1
The remainder of a and b is 1
```

Decision-making statements are those statements which allow the programmers to decide which statement should run in different conditions.

```
void main() {
var marks = 74;
if(marks > 85)
{
       print("Excellent");
}
 else if(marks>75)
{
      print("Very Good");
}
else if(marks>65)
{
      print("Good");
}
else
 {
      print("Average");
}
}
```

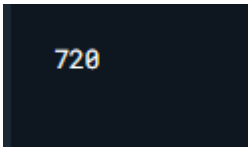
Output:

```
Good
```

Function is a set of statements that take inputs, do some specific computation and produces output. Functions are created when certain statements are repeatedly occurring in the program and a function is created to replace them. Functions make it easy to divide the complex program into smaller sub-groups and increase the code reusability of the program.

```
void main() {
    print(factorial(6));
}
factorial(number) {
    if (number <= 0) {
       // termination case
       return 1;
    } else {
       return (number * factorial(number - 1));
       // function invokes itself
    }
}
```

Output:



DART Prime code

```dart
bool isPrime(N) {
  for (var i = 2; i <= N / i; ++i) {
    if (N % i == 0) {
      return false;
    }
  }
  return true;
}

void main() {
  print('Enter N');
  int N = 12;
  if (isPrime(N)) {
    print('$N is a prime number.');
  } else {
    print('$N is not a prime number.');
  }
}
```

OUTPUT

```
Console

Enter N
12 is not a prime number.
```

Dart is an object-oriented language. It supports object-oriented programming features like classes, interfaces, etc. A class in terms of OOP is a blueprint for creating objects. A class encapsulates data for the object. Dart gives built-in support for this concept called class.

Declaring a Class

Use the class keyword to declare a class in Dart. A class definition starts with the keyword class followed by the class name; and the class body enclosed by a pair of curly braces.

```
// Defining class
 class Student {
   var stdName;
   var stdAge;
   var stdRoll_nu;

   // defining class function
    showStdInfo() {
        print("Student Name is : ${stdName}");
        print("Student Age is : ${stdAge}");
        print("Student Roll Number is : ${stdRoll_nu}");

              }
}
void main () {

  // Creating object called std
  var std = new Student();
  std.stdName = "ABC";
  std.stdAge =24;
  std.stdRoll_nu = 90001;
// Accessing class Function
 std.showStdInfo();
}
```

OUTPUT:

```
Console

  Student Name is : ABC
  Student Age is : 24
  Student Roll Number is : 90001
```

Practical No. 2

Designing the mobile app to implement different widgets.

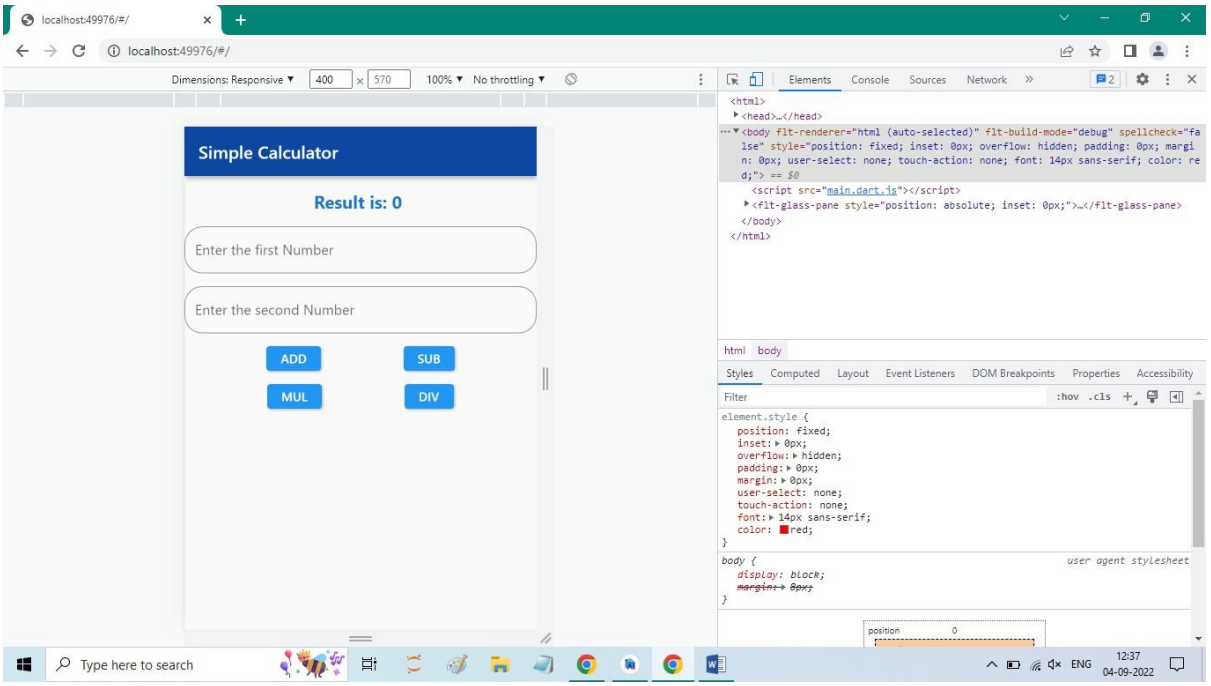
Code:

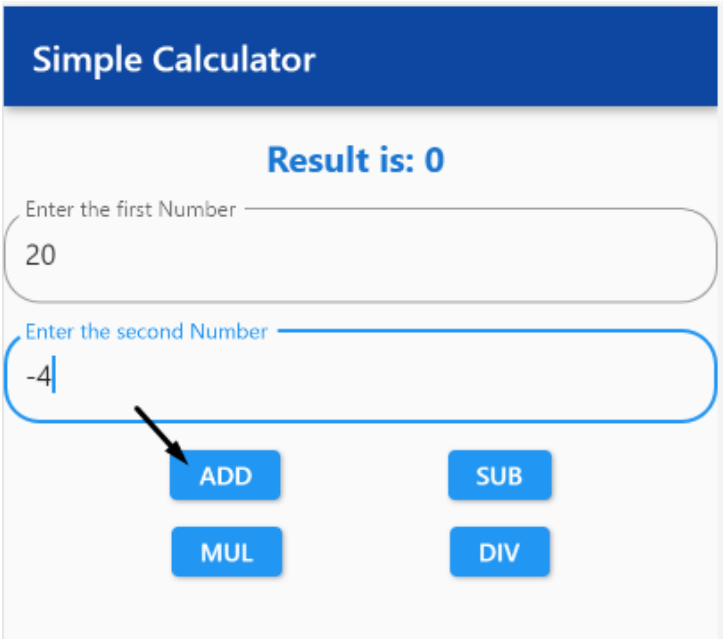
```
import 'package:flutter/material.dart';

void main() {
  runApp(MaterialApp(
    debugShowCheckedModeBanner: false,
    home: MyApp(),
  ));
}

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

  @override
  State<MyApp> createState() => _MyAppState();
}

class _MyAppState extends State<MyApp> {
  TextEditingController controller1 = TextEditingController();
  TextEditingController controller2 = TextEditingController();
  int? num1 = 0,
      num2 = 0,
      result = 0;

  add() {
    setState(() {
      num1 = int.parse(controller1.text);
      num2 = int.parse(controller2.text);
      result = num1! + num2!;
    });
  }

  sub() {
    setState(() {
      num1 = int.parse(controller1.text);
      num2 = int.parse(controller2.text);
      result = num1! - num2!;
    });
  }
```

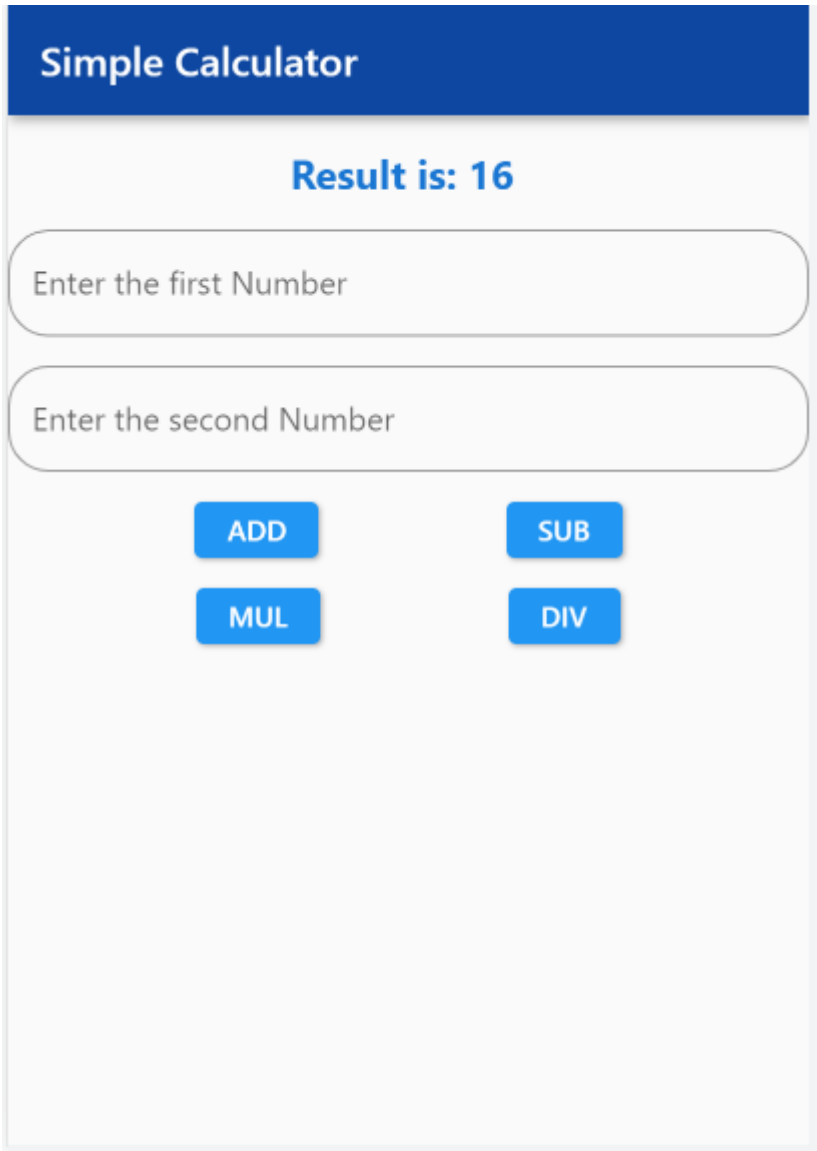
```
mul() {
  setState(() {
    num1 = int.parse(controller1.text);
    num2 = int.parse(controller2.text);
    result = num1! * num2!;
  });
}

div() {
  setState(() {
    num1 = int.parse(controller1.text);
    num2 = int.parse(controller2.text);
    result = num1! ~/ num2!;
  });
}

@override
Widget build(BuildContext context) {
  return Scaffold(
    appBar: AppBar(
      title: Text('Simple Calculator'),
      backgroundColor: Colors.blue.shade900,
    ),
    body: Column(
      children: [
        SizedBox(
          height: 15,
        ),
        Text('Result is: $result', style: TextStyle(fontSize: 20,
            color: Colors.blue.shade700
        ),),
        SizedBox(
          height: 15,
        ),
        TextField(
          controller: controller1,
          decoration: InputDecoration(
              labelText: "Enter number", border: OutlineInputBorder(
              borderRadius: BorderRadius.circular(20)
          )
          ),
        ),
        SizedBox(
          height: 15,
```

```
        ),
        TextField(
          controller: controller2,
          decoration: InputDecoration(
              labelText: "Enter number", border: OutlineInputBorder(
              borderRadius: BorderRadius.circular(20)
          )
          ),
        ),
        SizedBox(
          height: 15,
        ),
        Row(
          mainAxisAlignment: MainAxisAlignment.spaceEvenly,
          children: [
            ElevatedButton(onPressed: () {
              add();
              controller1.clear();
              controller2.clear();
            }, child: Text('ADD')),
            ElevatedButton(onPressed: () {
              sub();
            }, child: Text('SUB'))
          ],
        ),
        Row(
          mainAxisAlignment: MainAxisAlignment.spaceEvenly,
          children: [
            ElevatedButton(onPressed: () {
              mul();
            }, child: Text('MUL')),
            ElevatedButton(onPressed: () {
              div();
            }, child: Text('DIV')),
          ],
        )
      ],
    ),
  );
 }
}
```

Output:


localhost:49976/#/
Simple Calculator
Result is: 0
Enter the first Number
Enter the second Number
ADD
SUB
MUL
DIV
Elements
Console
Sources
Network
Styles
Computed
Layout
Event Listeners
DOM Breakpoints
Properties
Accessibility
Type here to search
ENG
12:37
04-09-2022


Simple Calculator
Result is: 0
Enter the first Number
20
Enter the second Number
-4
ADD
SUB
MUL
DIV


Simple Calculator
Result is: 16
Enter the first Number
Enter the second Number
ADD
SUB
MUL
DIV

Practical No. 3

Designing the mobile app to implement different Layouts.

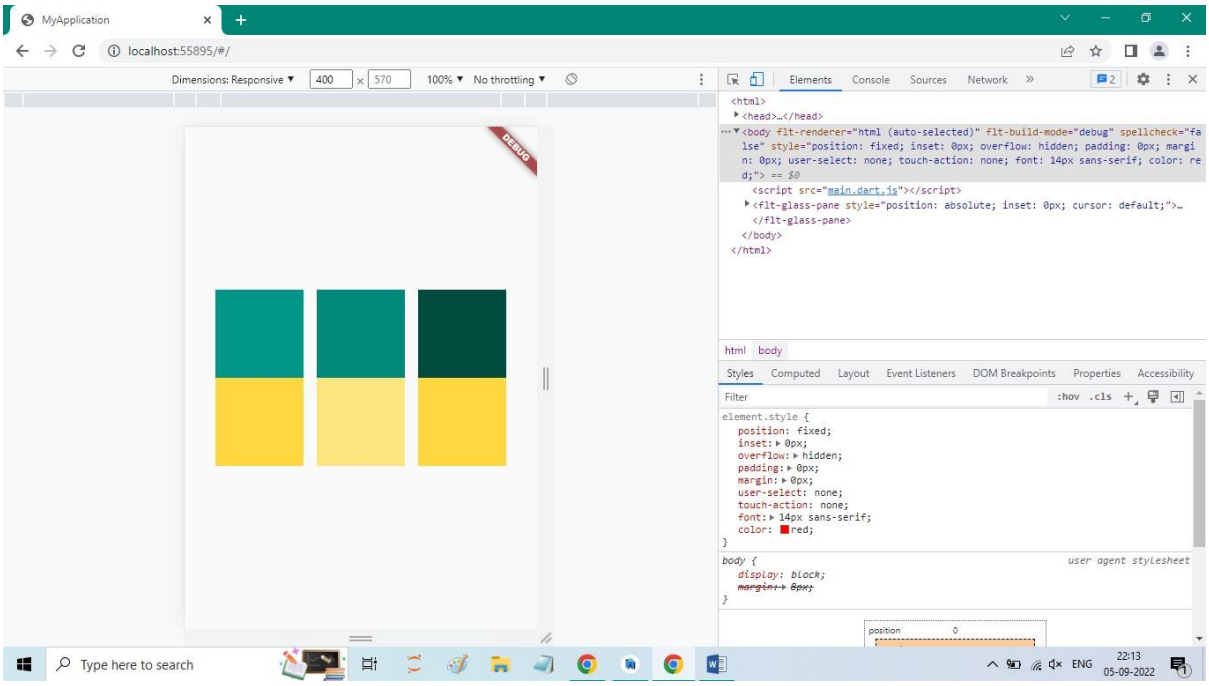
Date: **Sign:**

Code:

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

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

class Demoapp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
        title: 'My Application',
        debugShowCheckedModeBanner: true,
        home: Scaffold(
            body: Padding(
              padding: const EdgeInsets.all(20.0),
              child: Column(
                mainAxisAlignment: MainAxisAlignment.center,
                children: [
                  Row(
                    mainAxisAlignment: MainAxisAlignment.spaceEvenly,
                    children: [
                      Container(height: 100, width: 100, color: Colors.teal,),
                      Container(
                          height: 100, width: 100, color: Colors.teal[600]),
                      Container(
                          height: 100, width: 100, color: Colors.teal[900]),
                    ],
                  ),
                  Row(
                    mainAxisAlignment: MainAxisAlignment.spaceEvenly,
                    children: [
                      Container(
                        height: 100, width: 100, color: Colors.amberAccent,),
                      Container(height: 100,
                          width: 100,
```

```
                color: Colors.amberAccent[100]),
            Container(height: 100,
                width: 100,
                color: Colors.amberAccent[200]),
          ],
        )
      ],
    )
  )


  )
 );
 }
}
```

Output:



Practical No. 4

Designing the mobile app to implement the routing.

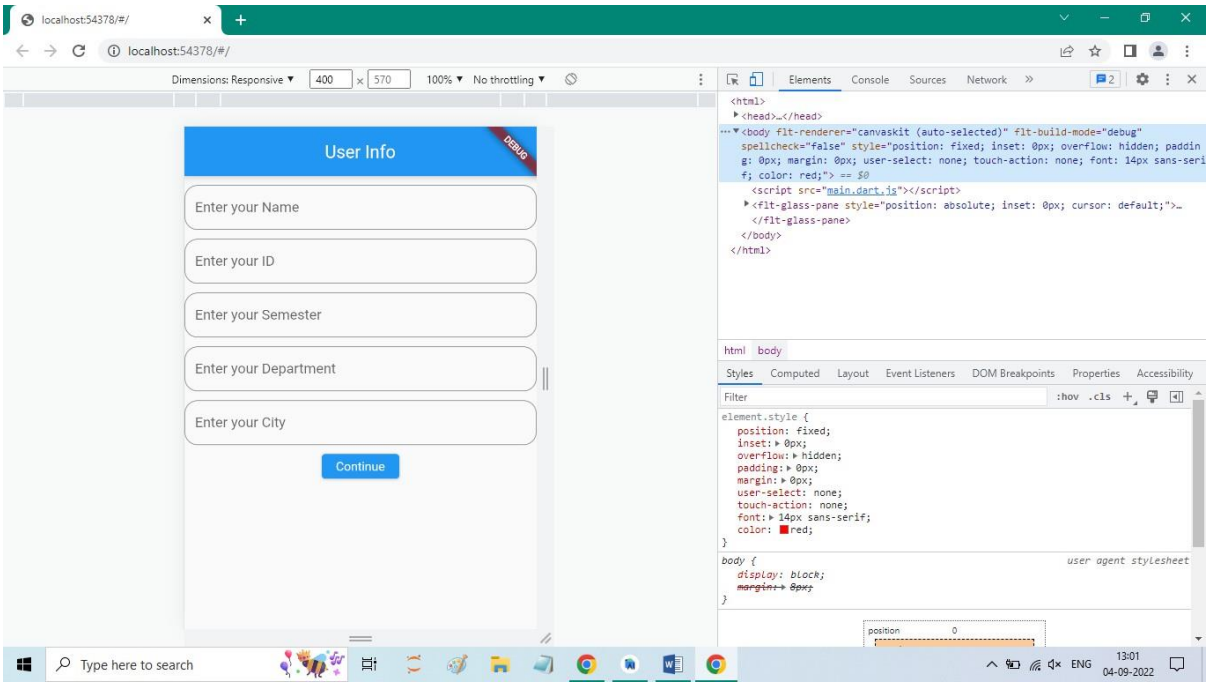
Code:

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

void main() {
  runApp(MaterialApp(
    home:MyApp(),
  )); //MaterialApp
}

class MyApp extends StatelessWidget {
  const MyApp({Key? key}) : super(key: key);

  @override
  Widget build(BuildContext context) {
    TextEditingController name = TextEditingController();
    TextEditingController id = TextEditingController();
    TextEditingController semester = TextEditingController();
    TextEditingController dept = TextEditingController();
    TextEditingController city = TextEditingController();
    return Scaffold(
      appBar: AppBar(
        title: Text("User Info"),
        centerTitle: true,
        ), // AppBar
      body: Column(
        children: [
        SizedBox(height: 10),
        TextField(
              cotroller: name,
              decoration: InputDecoration(
                labelText: " Enter your name",
                border: OutLineInputBorder(
                      borderRadius: BorderRadius.circular(15)
                      ) // OutlineInputBorder
              ), //Input Decoration
      ), // TextField

      SizedBox(height: 10),
        TextField(
```

```
        cotroller: id,
        decoration: InputDecoration(
          labelText: " Enter your ID",
          border: OutLineInputBorder(
              borderRadius: BorderRadius.circular(15)
              ) // OutlineInputBorder
        ), //Input Decoration
), // TextField

SizedBox(height: 10),
  TextField(
        cotroller: semester,
        decoration: InputDecoration(
          labelText: " Enter your Semester",
          border: OutLineInputBorder(
              borderRadius: BorderRadius.circular(15)
              ) // OutlineInputBorder
        ), //Input Decoration
), // TextField

SizedBox(height: 10),
  TextField(
        cotroller: dept,
        decoration: InputDecoration(
          labelText: " Enter your Department",
          border: OutLineInputBorder(
              borderRadius: BorderRadius.circular(15)
              ) // OutlineInputBorder
        ), //Input Decoration
), // TextField

SizedBox(height: 10),
  TextField(
        cotroller: city,
        decoration: InputDecoration(
          labelText: " Enter your City",
          border: OutLineInputBorder(
              borderRadius: BorderRadius.circular(15)
              ) // OutlineInputBorder
        ), //Input Decoration
), // TextField

SizedBox(height: 10,),
ElevatedButton(onPressed: () {
```

```
        Navigator.push(context, MaterialPageRoute(builder: (context)=>NextScreen(
              name: name.text,
              id: id.text,
              semester: semester.text,
              dept: dept.text,
              city: city.text,
              ))).when.Complete(() => { //NextScreen, MaterialPageRoute
              name:clear(),
              id.clear(),
              semester.clear(),
              dept.clear(),
              city.clear()
              });
       }, child: Text("continue")) //ElevatedButton
     ],
   ), //Column
  ); // Scaffold
 }
}

class NextScreen extends StatelessWidget {
   String? name, id, semester, dept, city;
   NextScreen({
       this.name, this.id, this.semester, this.dept, this.city
  });

 @override
 Widget build(BuildContext context) {
  return Scaffold(
       body: Column(
         children: [
              Text("Name:" +name.toString()),
              Text("Id:" +id.toString()),
              Text("Semester:" +semester.toString()),
              Text("Department:" +name.toString()),
              Text("City:" +city.toString()),
       ],
      ), //Column
    ); // Scaffold
  }
}
```

Output:


localhost:54378/#/
User Info
DEBUG
Enter your Name
Enter your ID
Enter your Semester
Enter your Department
Enter your City
Continue
Elements
Console
Sources
Network
Styles
Computed
Layout
Event Listeners
DOM Breakpoints
Properties
Accessibility
Type here to search
ENG
13:01
04-09-2022

Practical No. 5

Designing the mobile app to implement the state management.

Code:

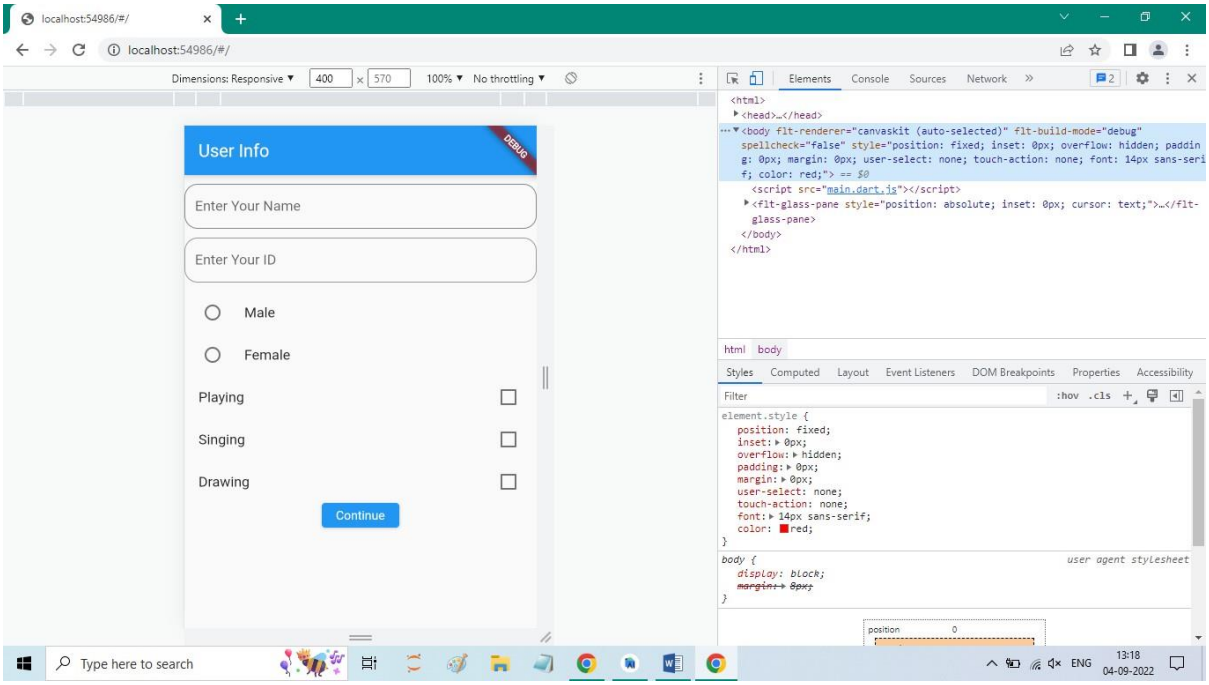
```
import 'package:flutter/material.dart';

void main() {
  runApp(MaterialApp(
    home: HomeScreen(),
   ));
}

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

  @override
  State<HomeScreen> createState() => _HomeScreenState();
 }

class _HomeScreenState extends State<HomeScreen> {
  TextEditingController name = TextEditingController();
  TextEditingController id = TextEditingControler();
  String genderValue = "";
  bool hobby1 = false;
  bool hobby2 = false;
  bool hobby3 = false;
  String strhobby1 = "",
  String strhobby2 = "",
  String strhobby3 = "",
  final formKey = GlobalKey<FormState>(); // formValidation

  @overrride
  Widget build(BuildContext context) {
      return Scaffold(
        appBar: AppBar(
              title: Text("User Info"),
              ),
        body: Form(
              key: formKey,
              child: Column(
                children: [
                  SizedBox(height: 10,),
```

```
                TextFormField(
                    controller: name,
                    validator: (value){
                      if(value!.isEmpty) {
                            return 'Please Enter Your Name';
                        }
                      return null;
                    },
                    decoration: InputDecoration(
                            labelText: "Enter Your Name",
                            border: OutlineInputBorder(
                              borderRadius: BorderRadius.circular(15)
                            ) //OutlineInputBorder
                    ), //InputDecoration
                ), // TextFormField
                SizedBox(height: 10,),
                TextFormField(
                  Controller: id,
                  validator: (value) {
                        if(value!.isEmpty) {
                          return 'Please Enter your ID';
                        }
                        return null;
                   },
                  decoration: InputDecoration(
                      labelText: "Enter your ID",
                      border: OutLineInputBorder(
                          borderRadius: BorderRadius.circular(15)
                        ) //OutLineInputBorder
                      ), //InputDecoration
                ), //TextFormField
                SizedBox(height: 10,),
                RadioListTile(value: 'Male',groupValue: genderValue, onChanged: (val)
{
                setState(() {
                  genderValue = val.toString();
                });
            },
                title: Text("Male"),), // RadioListTitle
                RadioListTile(value: 'Female',groupValue: genderValue, onChanged:
(val) {
                setState(() {
                  genderValue = val.toString();
                });
            },
```

```
            title: Text("Female"),), // RadioListTitle

            CheckboxListTile(value: hobby1, onChanged: (value) {
              setState(() {
                    hobby1 = !hobby1;
                    if(hobby1) {
                      strhobby1 = 'Playing';
                    }
                 });
            },
            title: Text("Playing"),), //checkboxListTile
            CheckboxListTile(value: hobby2, onChanged: (value) {
              setState(() {
                    hobby2 = !hobby2;
                    if(hobby2) {
                      strhobby2 = 'Singing';
                    }
                 });
            },
            title: Text("Singing"),), //checkboxListTile
            CheckboxListTile(value: hobby3, onChanged: (value) {
              setState(() {
                    hobby3 = !hobby3;
                    if(hobby3) {
                      strhobby3 = 'Drawing';
                    }
                 });
            },
            title: Text("Drawing"),), //checkboxListTile

            ElevatedButton(onPressed: () {
              if(formKey.currentState!.validate()) {
                    if(genderValue !="") {
                      Navigator.push(context, MaterialPageRoute(builder: (context) =>
NextScreen (
                            name: name.text,
                            id:id.text,
                            gender:genderValue,
                            hobbies: '${strhobby1.toString()}
                                  ${strhobby2.toString()}
                                  ${strhobby3.toString()},
                            ))); // NextScreen //MaterialPageRoute
                     }
                    }
                    }, child: Text("Contiue"))// ElevatedButton
```

```
                    ],
                ), //Column
            ), //Form
        ); //Scaffold
    }
  }

class NextScreen extends StatelessWidget {
  String ? name,id,gender,hobbies;
  NextScreen ({
      this.name, this.id, this.gender,this.hobbies
      });
 @override
 Widget build(BuildContext context) {
      return Scaffold(
        body: Column(
            children: [
                Text("Name: " +name.toString()),
                Text("Id: " +id.toString()),
                Text("Gender: " +gender.toString()),
                Text("Hobbies: " +hobbies.toString()),
            ],
        ), // Column
      ); //Scaffold
  }
}
```

Output:


localhost:54986/#/
User Info
DEBUG
Enter Your Name
Enter Your ID
Male
Female
Playing
Singing
Drawing
Continue
Elements
Console
Sources
Network
Styles
Computed
Layout
Event Listeners
DOM Breakpoints
Properties
Accessibility
Type here to search
ENG
13:18
04-09-2022

Practical No.6

Designing the mobile app to implement the theming and styling.

Code:

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


void main(){
  runApp(MaterialApp(
   home: MyApp(),
   )); // MaterialApp
}


class MyApp extends StatelessWidet {
  const MyApp({Key? key}): super(key: key);


  @override
  Widget build(BuildContext cotext) {
   return Scaffold(
     appBar: AppBar(
          title: Text('Theming and Styling'),
          ), //AppBar
     body: Center(
          child: Column(
               mainAxisAlignment: MainAxisAlignment.saceEvenly,
               children: [
                    Image.network('copy-any-google-image-link'
height:250,width: 250,)
                    ],
               ), //Column
          ) // Center
   );
```

```
  }
}
```

Output:

Practical No.7

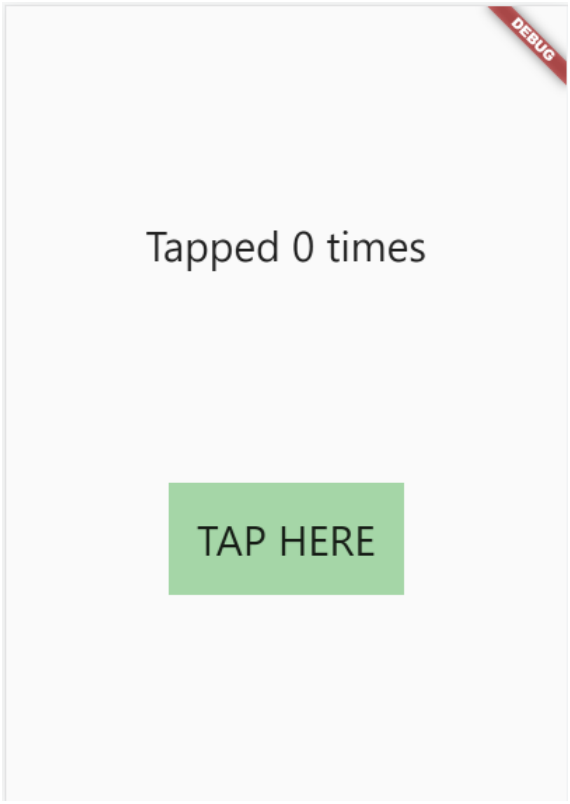
Designing the mobile app to implement Gestures.

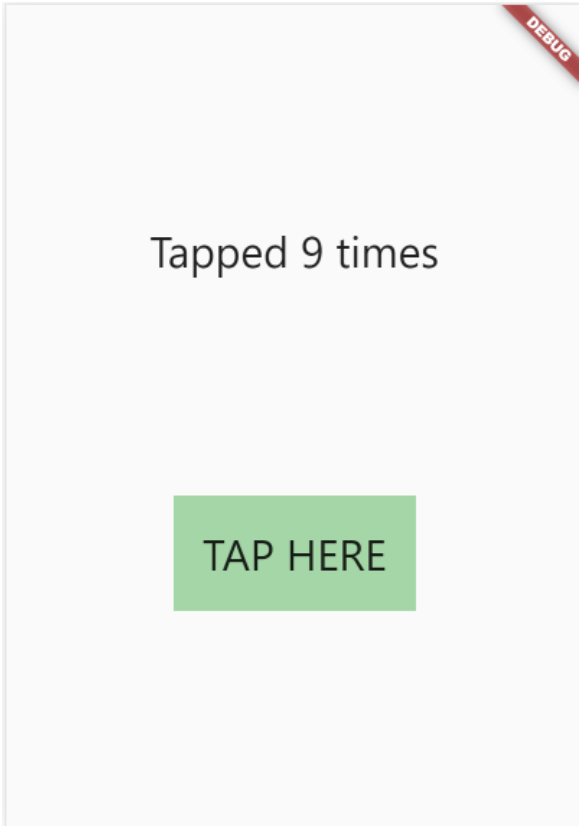
Code:

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

void main() {
  runApp(MaterialApp(home: MyApp()));
}

class MyApp extends StatefulWidget {
  const Mypp({Key? key}) : super(key: key);
  @override
  State<MyApp> createState() => _MyAppState();
}

class _MyAppState extends State<MyApp> {
  int numberOfTimesTapped = 0;
  @override
  Widget build(BuildContext context) {
 return Scaffold(
   body: Center(
        child: Column(
              mainAxisAlignment: MainAxisAlignment.spaceEvenly,
              children: [
                Text('Tapped '+ numberOfTimesTapped.toString() + 'times', style:
TextStyle                          (fontSize:30)),
                GestureDetector(
                     onTap:() {
                     setState((){
                     numberOfTimesTapped++;
                     });
                         },
                child: Container(
                     padding: EdgeInsets.all(20),
                     color: Colors.green[200],
```

```
                        child: Text('TAP HERE', style:TextStyle(fontSize: 30), )),
//Container
                    )//GestureDetector
                ],
            ), // Column
        ), // Center
    ); //Scaffold
    }
}
```

Output:




DEBUG
Tapped 9 times
TAP HERE

Practical No.8

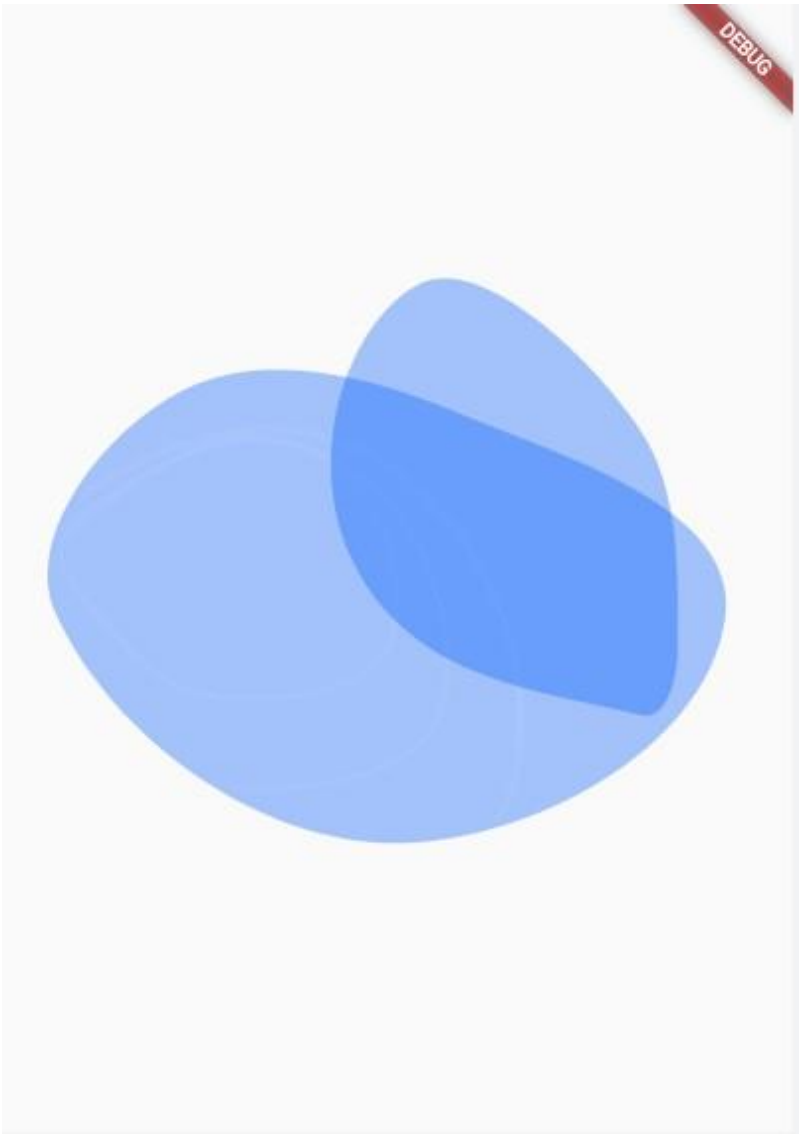
Designing the mobile app to implement the Animation

Code:

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

void main() {
  runApp(MaterialApp(
    home: MyApp(),
 ));// MaterialApp
}

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

  @override
  State<MyApp> createState() => _MyAppState();
}

class _MyAppState extends State<MyApp> with SingleTickerProvideStateMixin
{
//controller
  late final AnimationController _controller;
  @override
  void initState() {
 super.initState();
 _controller = AnimationController(duration:Duration(secods: 10), vsync: this);
  }

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

```
  bool bookmark = false;
  Widget build(BuildContext context) {
 return Scaffold(
   body: Center(
         child: GestureDetector(
                onTap: () {
                  if(bookmark == false)
                   {
                        bookmark = true;
                        _controller.forward();
                    }
                  else
                  {
                        bookmark = false;
                        _controller.reverse();
                   }
                },
         child:
Lottie.network('https://assets9.lottieflies.com/packages/lf20_3le10jj4.json',
         controller: _controller
         )), // GestureDetector
  ), //Center
     ); //Scaffold
   }
}
```

Output:


DEBUG

Practical No.9

Designing the mobile app working with Firebase Date: Sign:

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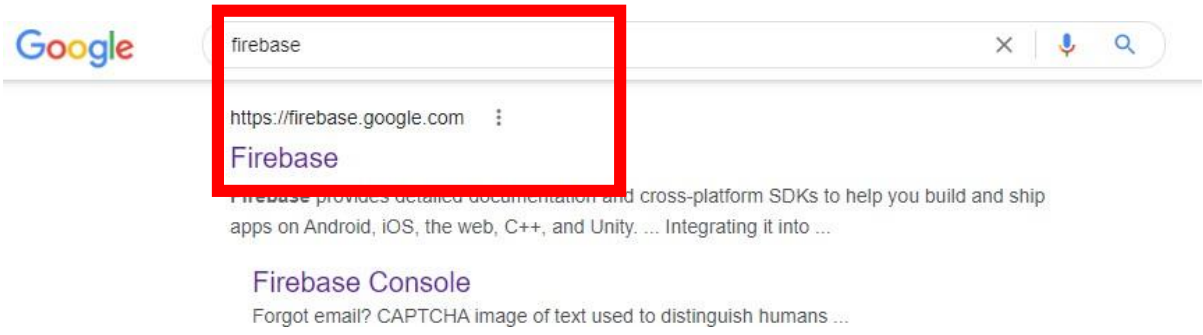
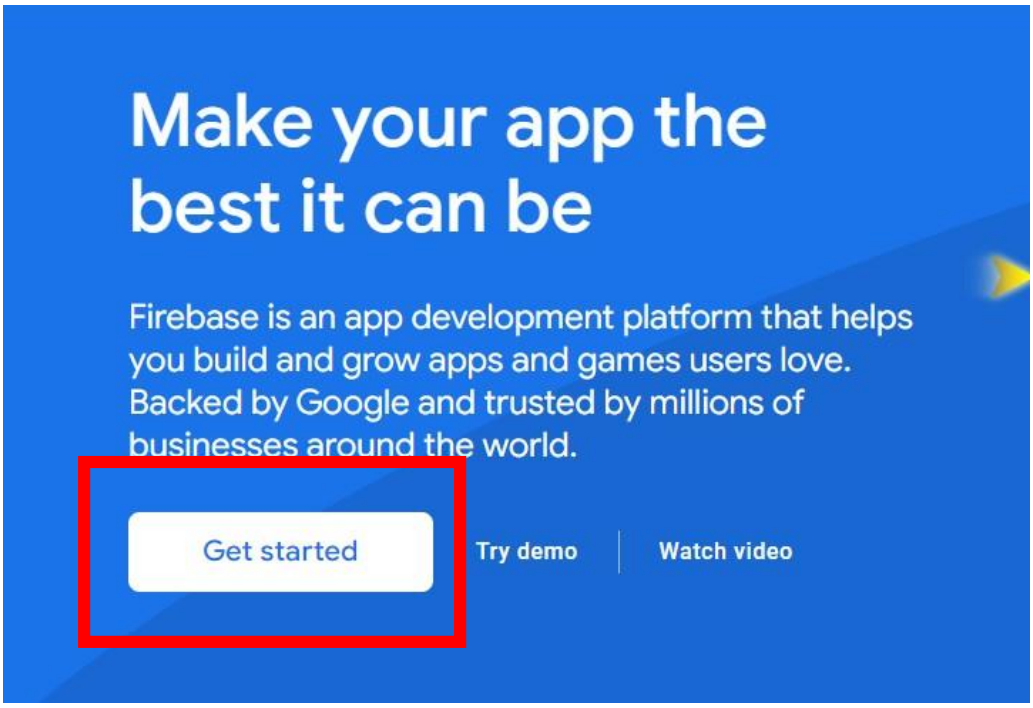
1. Search on Google “ Firebase ”. Click on the website https://firebase.google.com/

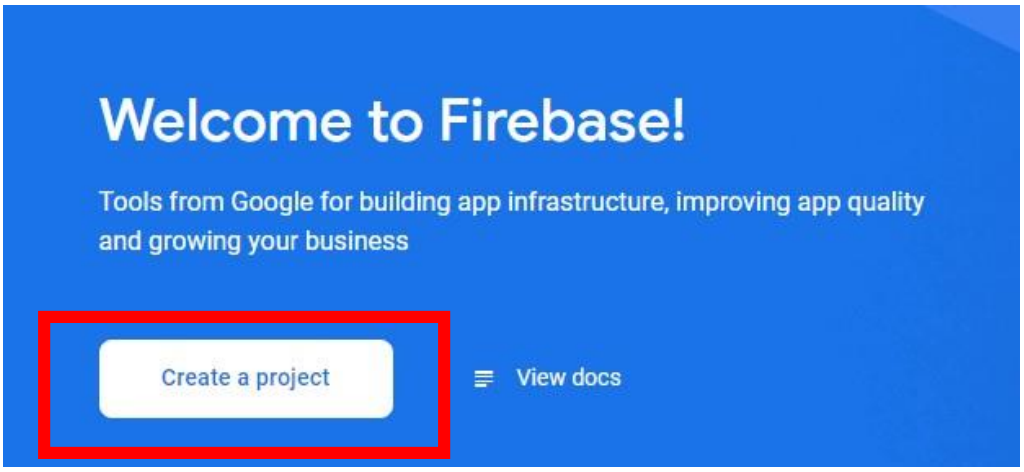


2. Click on Get Started button.

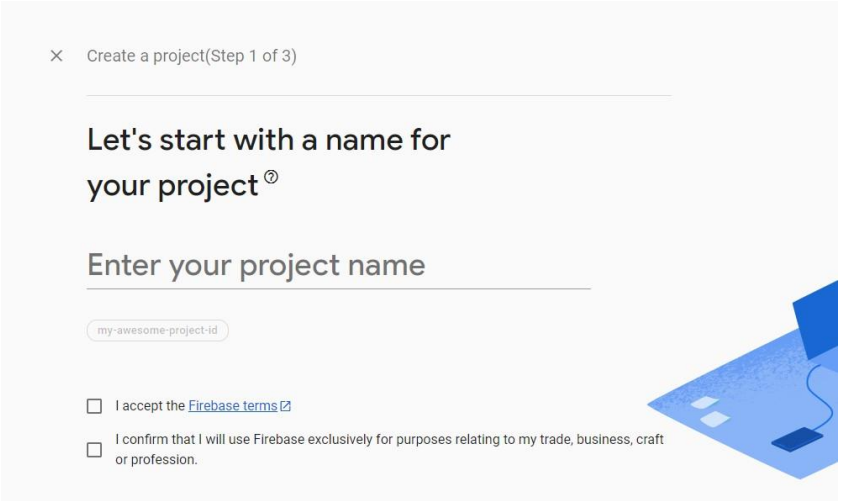


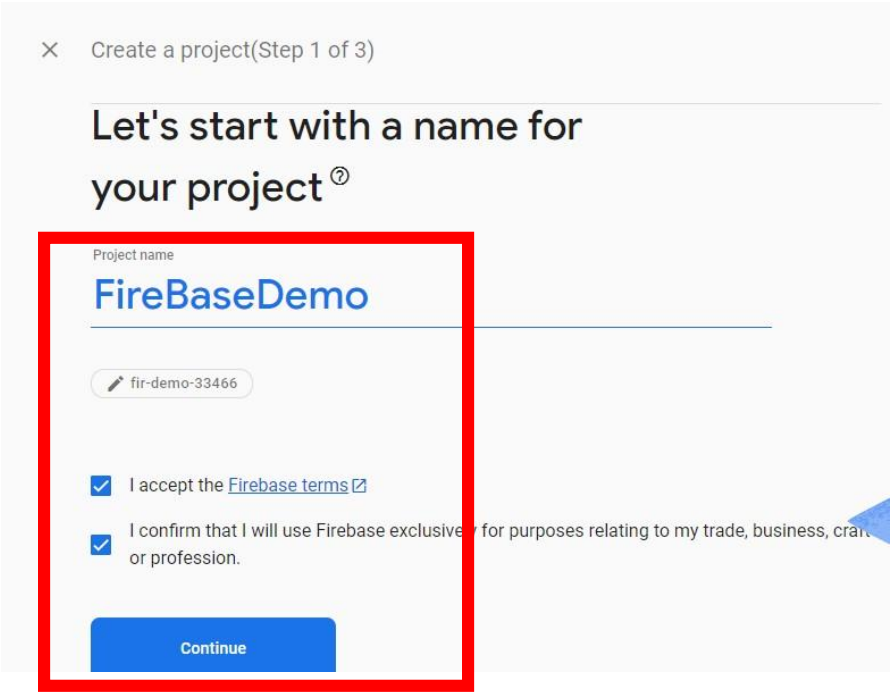
3. Login through your email id.

4. After login, click on Create a project button.

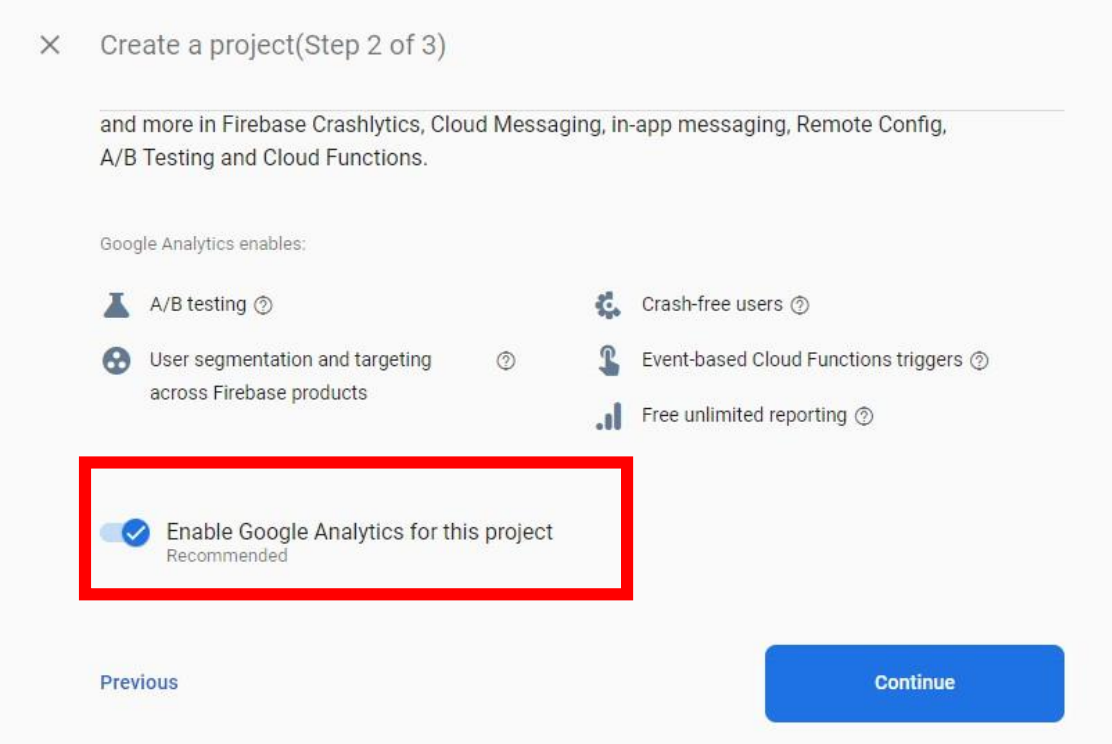


5. Enter your project name and enable the two checkboxes and then and click on Continue button.

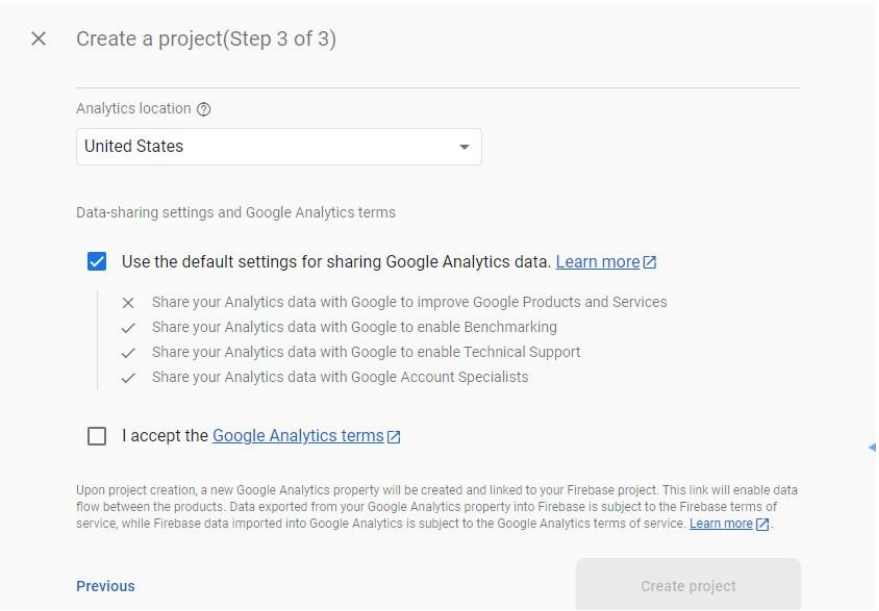


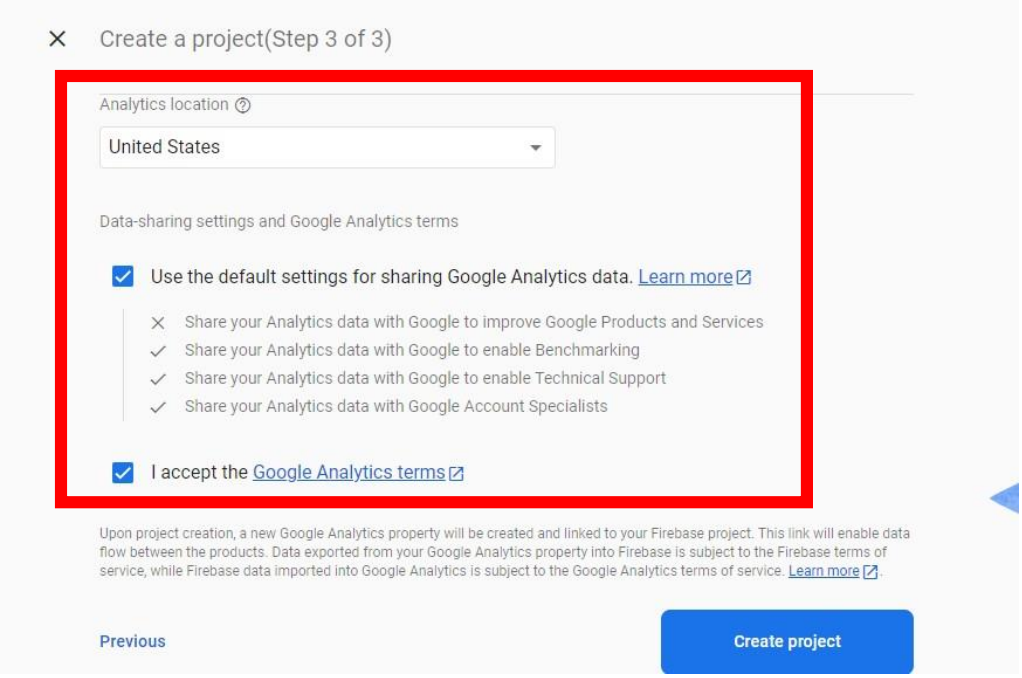

Create a project(Step 1 of 3)
Let's start with a name for your project
Project name
FireBaseDemo
fir-demo-33466
I accept the Firebase terms
I confirm that I will use Firebase exclusively for purposes relating to my trade, business, craft or profession.
Continue

6. Enable Google Analytics for this project and then click on Continue button.

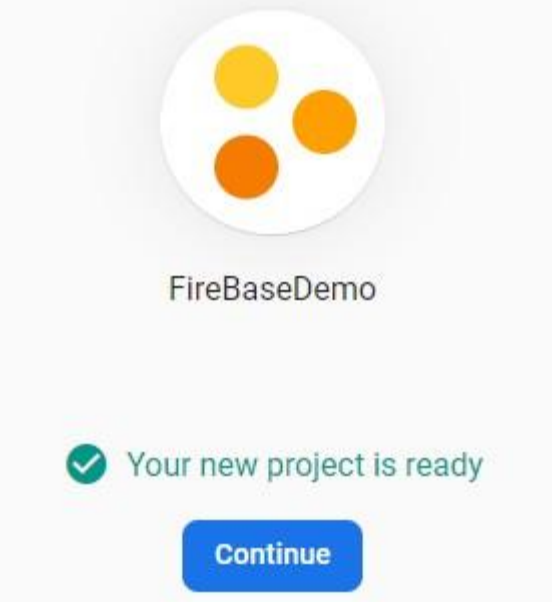


7. Select a Analytics location of your choice and enable(tick) the two checkboxes then click on Create Project button.

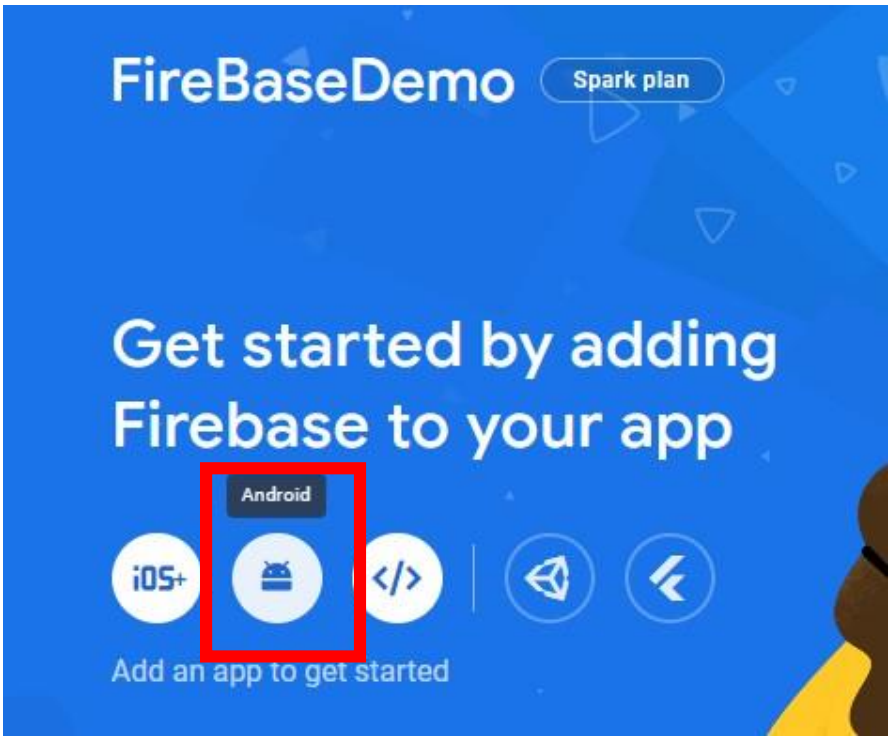




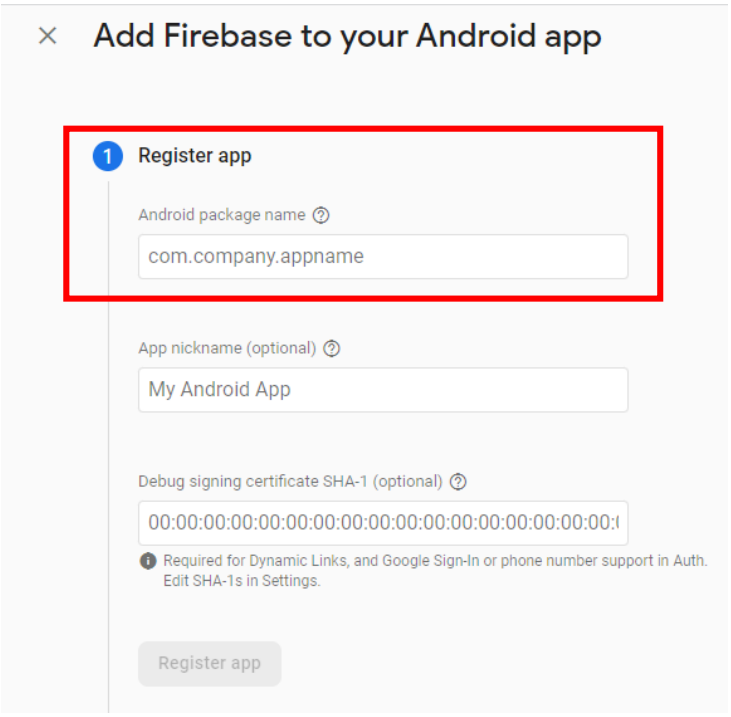
8. Project will now be created. Click on Continue.



9. Click on Android button as you are making an Android based application.

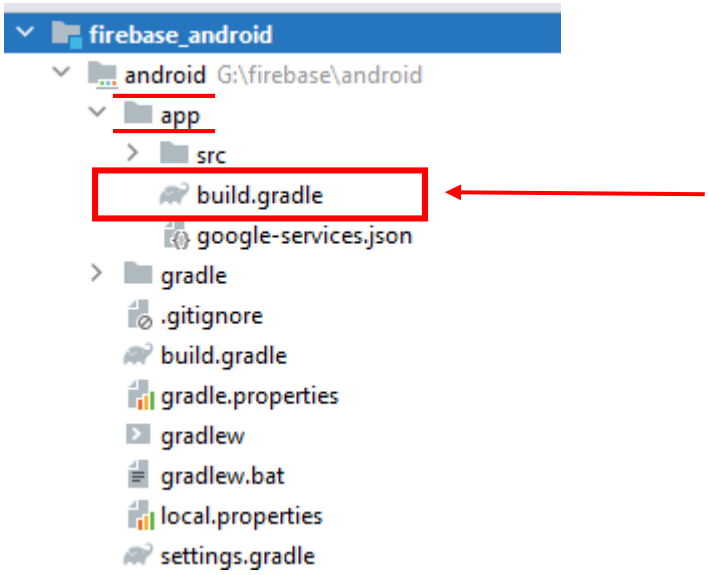


10. Enter Android Package Name.

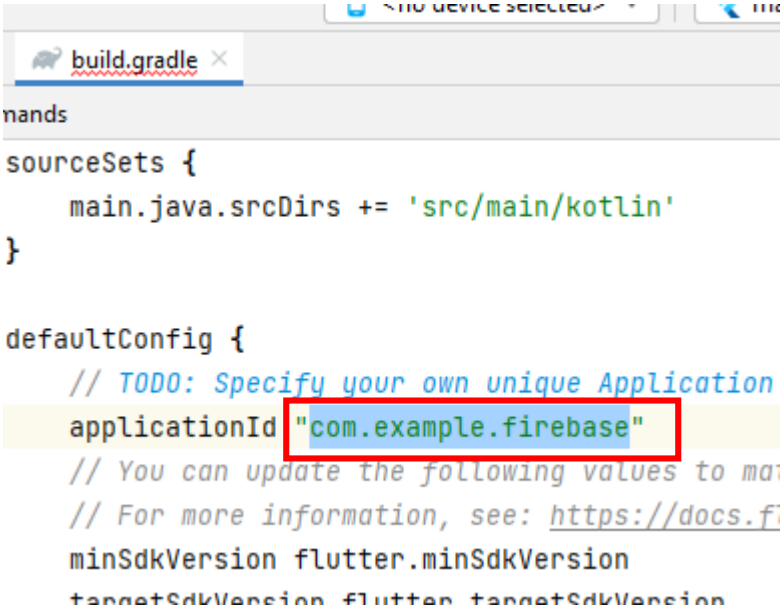


Follow the below steps to find your Android Package Name:

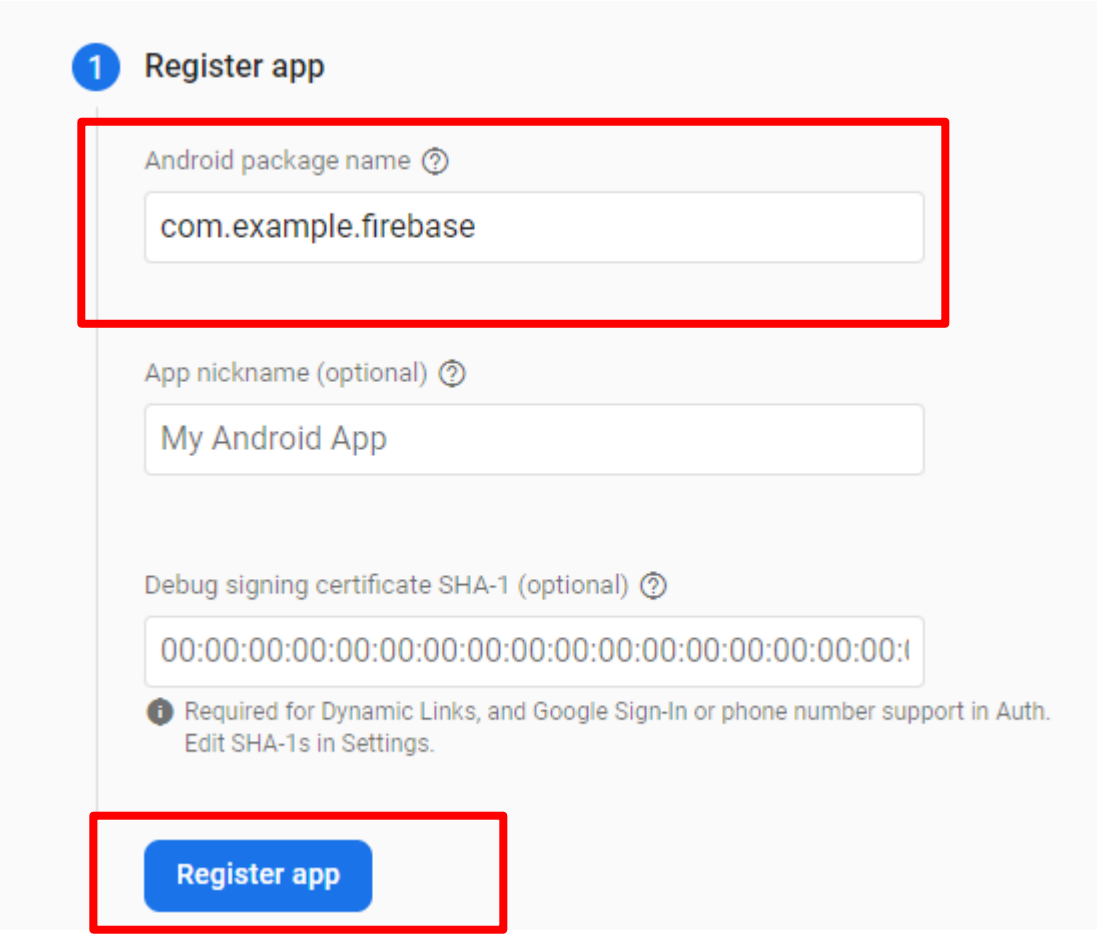
- Open your Android Studio project.
- Open the app folder which is in Android folder.
- Open the build.gradle file in Android Studio. (Double click on build.gradle file to open it)



- In build.gradle file , search for the defaultConfig section.
- In defaultConfig section check the applicationID.

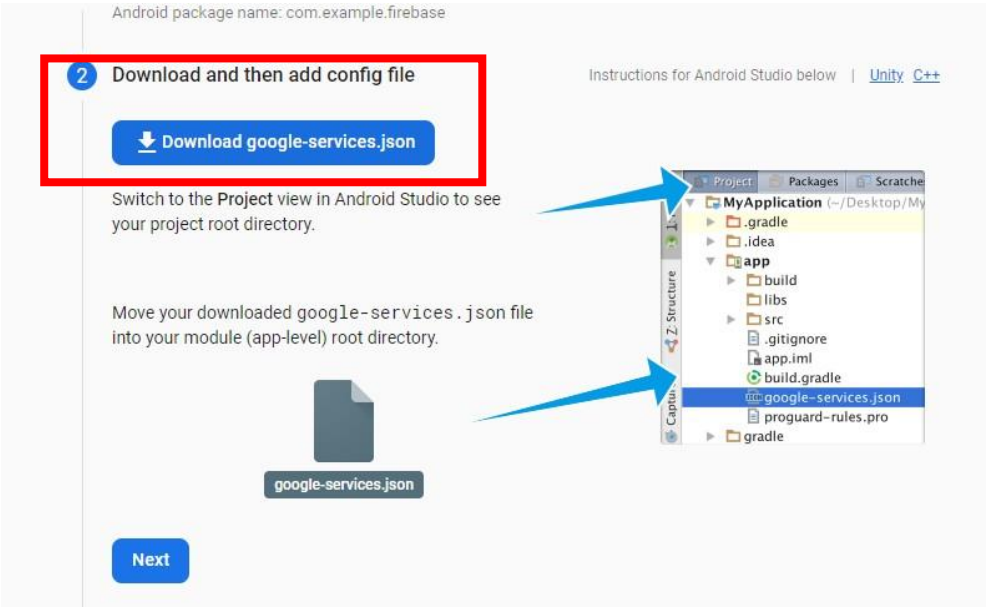


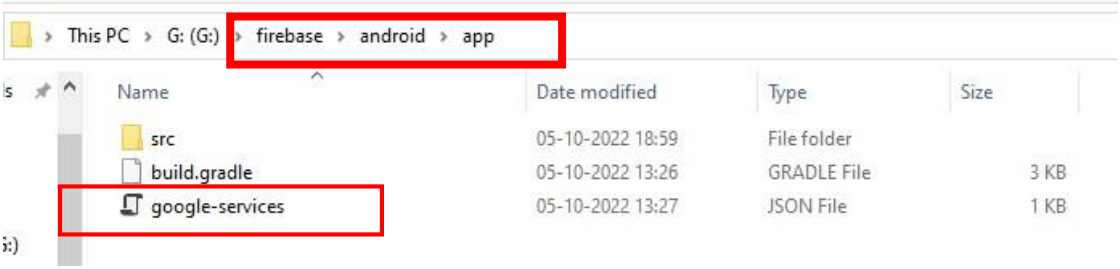
- The applicationID is your Android Package Name. (Eg : Here , the Android Package name is : com.example.firebase)
- Copy it without quotes and paste in android package name field.
- Only mention Android Package Name. Other is optional.
- Click on Register App button.



11. Download the google-services.json file and copy that file to app folder that is inside Android folder and click on Next button.

…\android\app .





12. Go to Android Studio project and open build.gradle file and add classpath in dependencies section.

    (Note : do not go to app--> build gradle. Both are different)

3 Add Firebase SDK

Instructions for Gradle | Unity C++

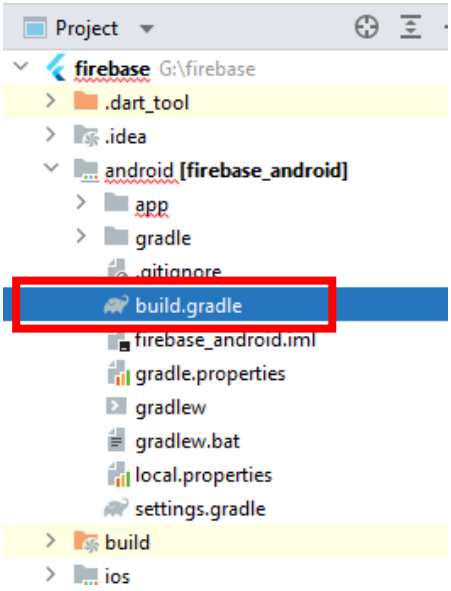
1. To make the `google-services.json` config values accessible to Firebase SDKs, you need the Google services Gradle plug-in.

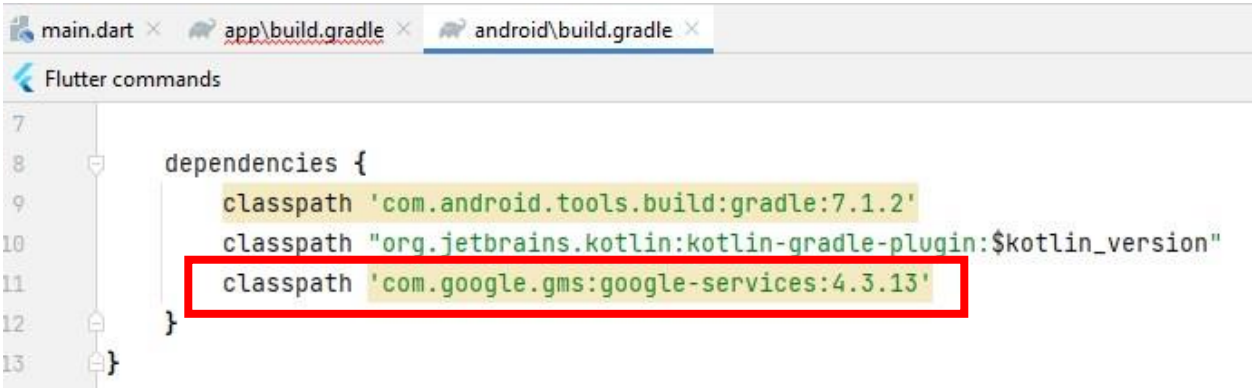
   Add the plug-in as a buildscript dependency to your **project-level** `build.gradle` file:

   Root-level (project-level) Gradle file (`<project>/build.gradle`):

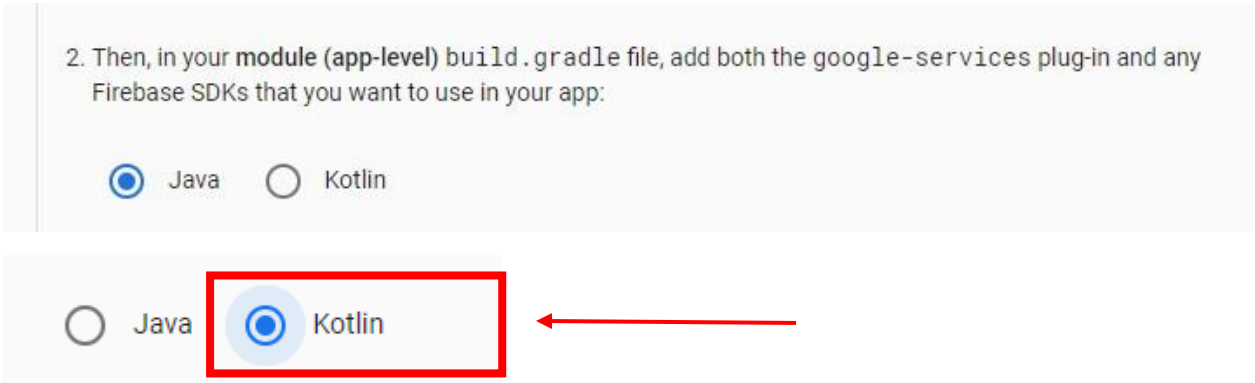
```
buildscript {
  repositories {
    // Make sure that you have the following two repositories
    google()  // Google's Maven repository
    mavenCentral()  // Maven Central repository
  }
  dependencies {
    ...
    // Add the dependency for the Google services Gradle plugin
    classpath 'com.google.gms:google-services:4.3.13'
  }
}

allprojects {
  ...
  repositories {
    // Make sure that you have the following two repositories
    google()  // Google's Maven repository
    mavenCentral()  // Maven Central repository
  }
```





13. Now click on Kotlin radio button.

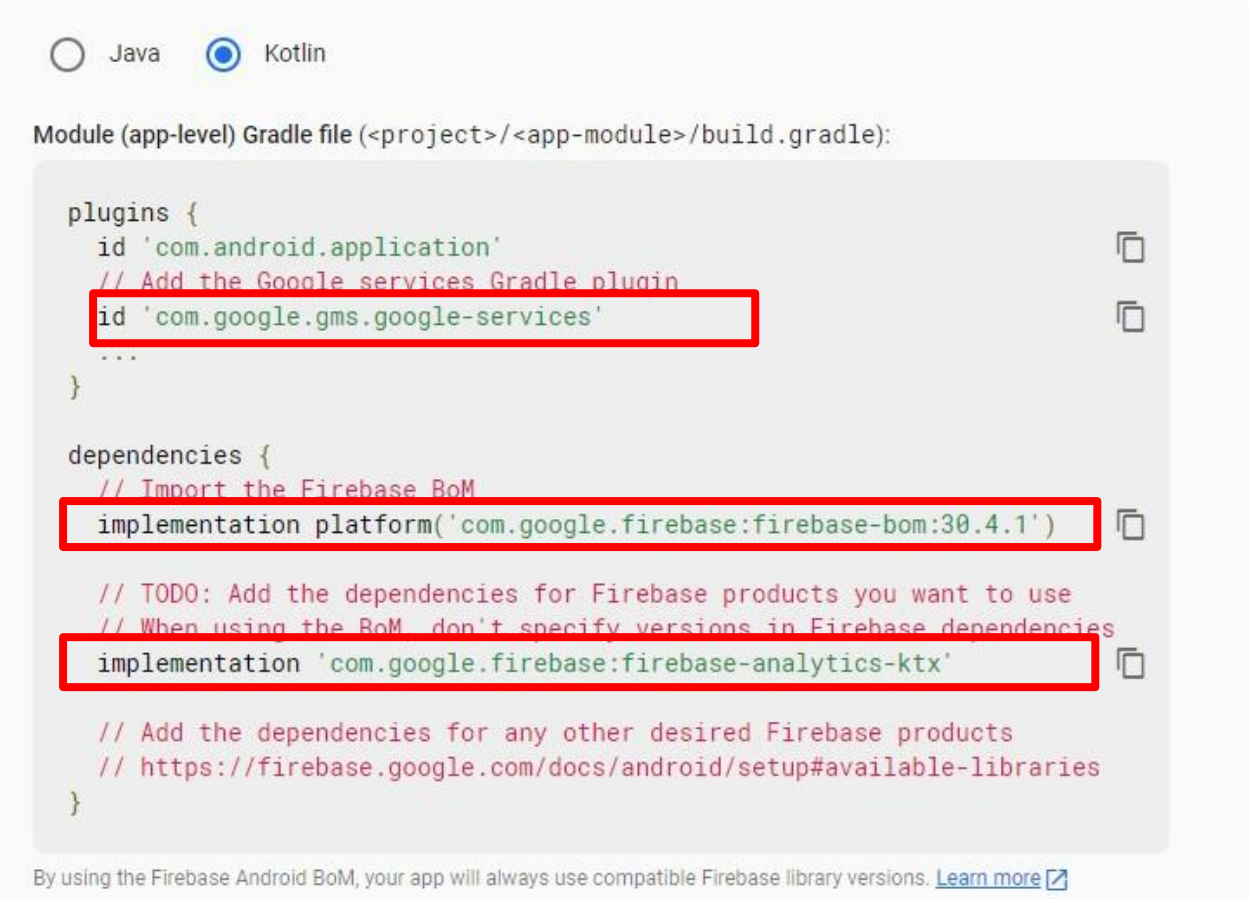


14. Now open the build.gradle file that is present inside the app folder (android\app\build.gadle).
Copy the google service plugin and paste it in plugin section in build.gradle file.

Format of pasting plugin:

Apply plugin : paste_plugin_here

Note: Remove word id and only paste that is within quotes.




```
def flutterVersionName = localProperties.getProperty('flutter.versionName')
if (flutterVersionName == null) {
    flutterVersionName = '1.0'
}

apply plugin: 'com.android.application'
apply plugin: 'kotlin-android'
apply plugin: 'com.google.gms.google-services'
apply from: "$flutterRoot/packages/flutter_tools/gradle/flutter.gradle"
```

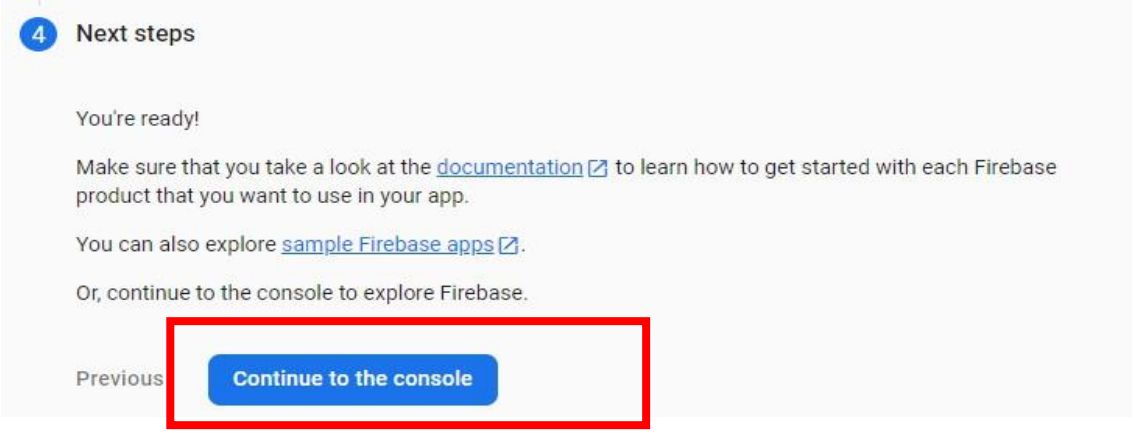
Then,

Copy both the dependencies and paste them in dependencies section.

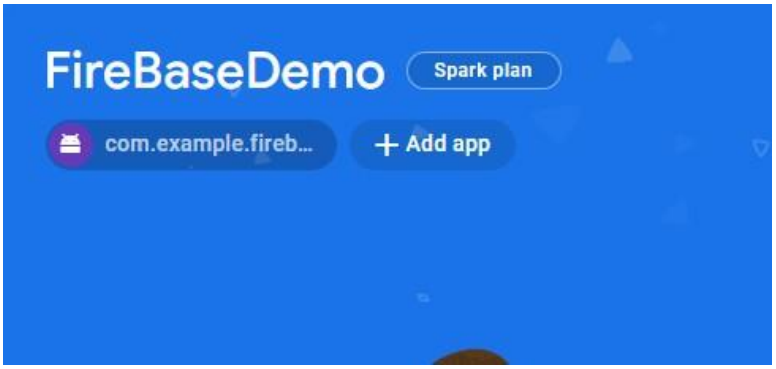
```
70
71  dependencies {
72      implementation "org.jetbrains.kotlin:kotlin-stdlib-jdk7:$kotlin_version"
73      implementation platform('com.google.firebase:firebase-bom:30.4.1')
74      implementation 'com.google.firebase:firebase-analytics-ktx'
75  }
76
```

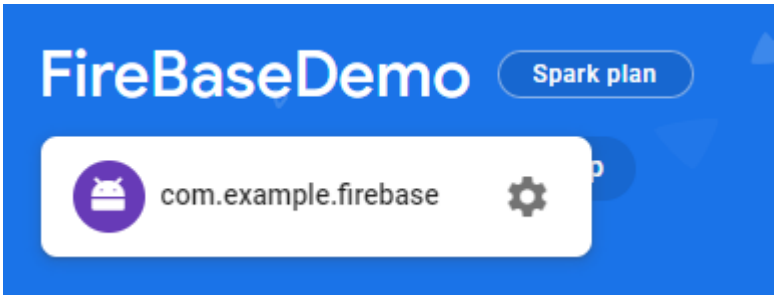
Click on Next button.

15. Click on Continue to the console button



16. Finally your Android studio project name must be displayed in the format : com.example.your_flutter_project_name


FireBaseDemo
Spark plan
com.example.fireb...
Add app


FireBaseDemo
Spark plan
com.example.firebase