



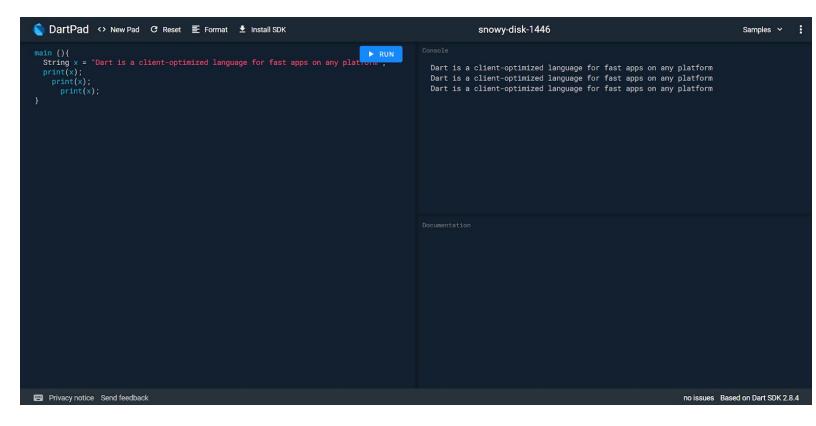
Visual Studio Code

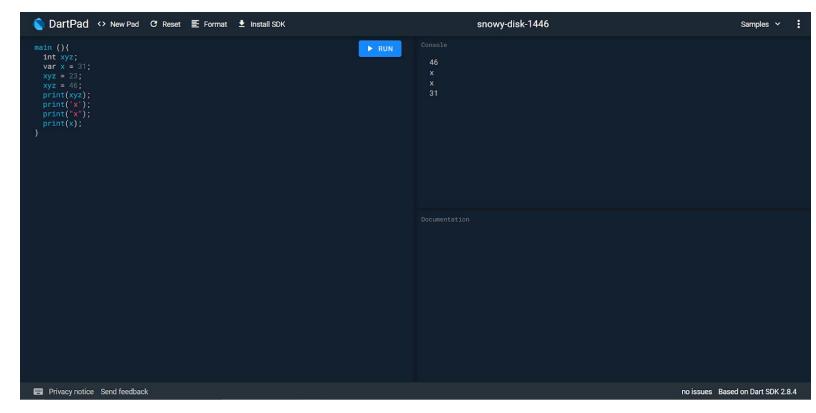


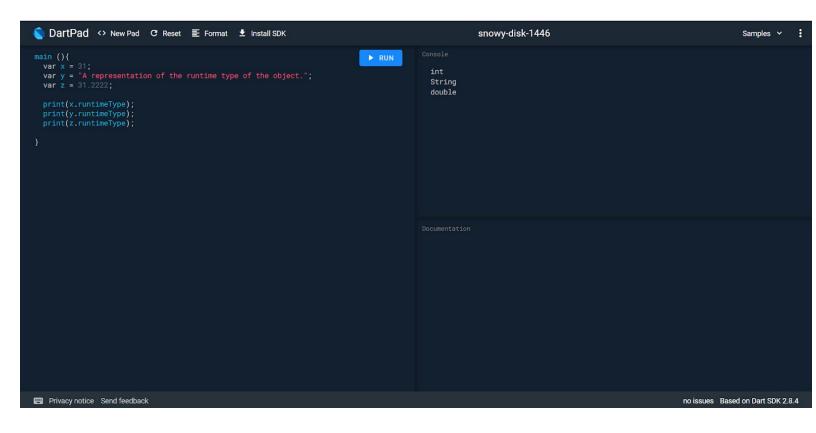
Session 4

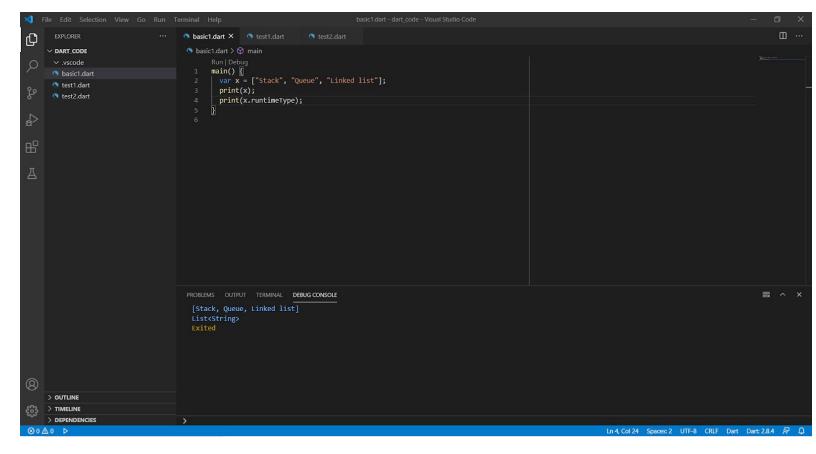
Summary:-

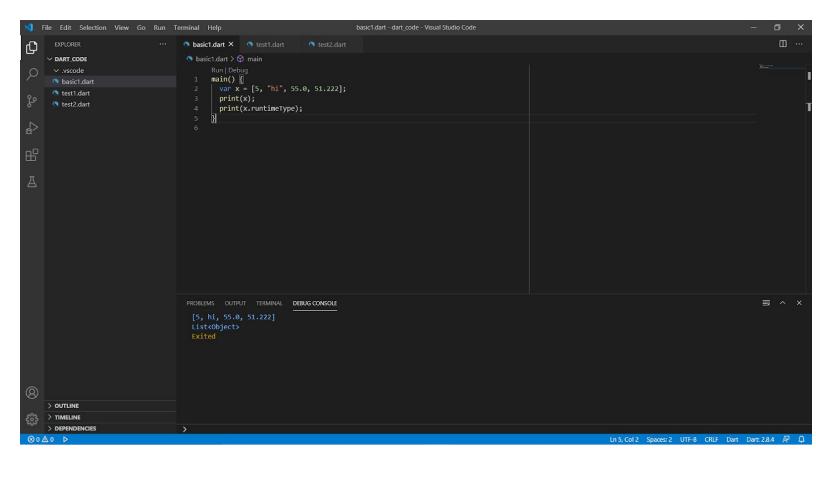
- 1. In today's session we got to know about variables and its use cases, Use of var, return keyword, different datatype used in dart language and Use cases of list and map.
- 2. Variables is used to allocate memory location in computer memory that holds a value for that variable. This value can be changed during the execution of the program.
- 3.A variable without value has null value by default. There are basically int, double, boolean and string Data Types in Dart.
- 4. Var is a keyword that can hold any type of variable value whether it is string, int or double.
- 5. In Dart, there is return keyword allows a function to return value.
- 6.A List is simply an ordered group of objects. Dart represents arrays in the form of List objects.
- 7.Each element in the List is given a unique number called the index. The index starts from zero.
- 8. List is mutable means you can change their content without changing their identity. ex:- var x = [1, "Hello", "Pratik"];
- 9. Just like List, Map(dynamic collection) is also a type of collection in which data is stored in key: value pairs. Use of comma at the end of key-value pair for autoformat of the code. ex:-var details = {"Roll no":1,"Name": "Pratik"};
- 10.DartPad is an online interpreter to run and compile the dart code.
- 11. When we save the code, the code get auto formated.
- 12. Internal linkedhashmap <String,Object>:- A hash-table based implementation of Map.
- 13. Runtime.type: checking variable type in Dart.

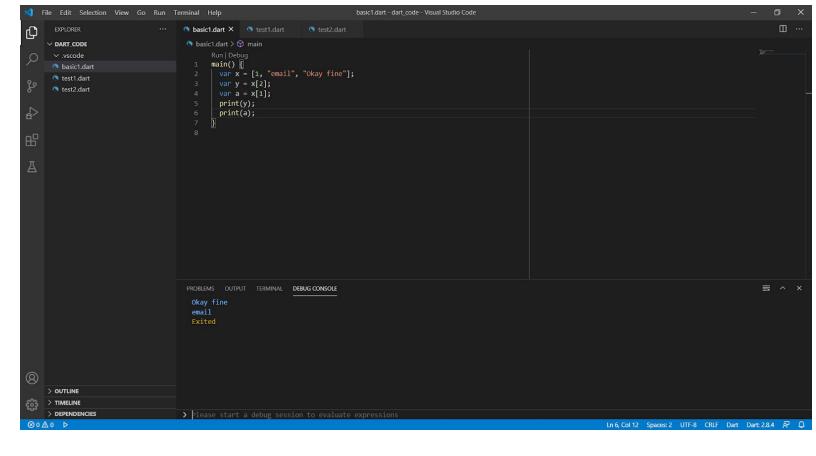


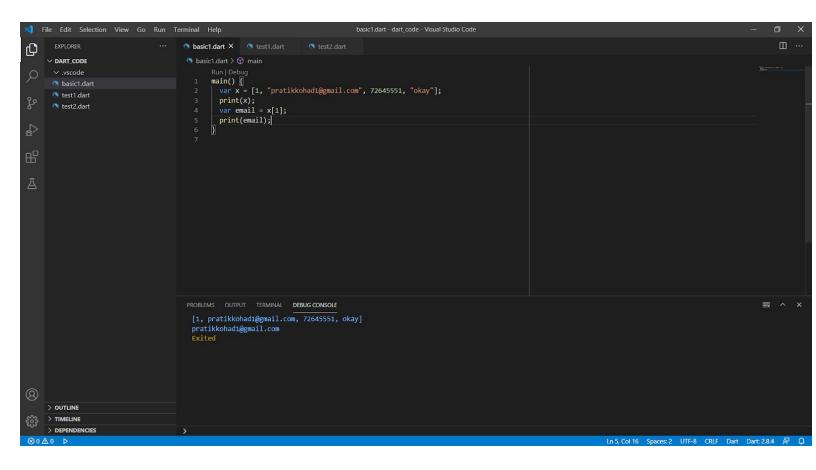


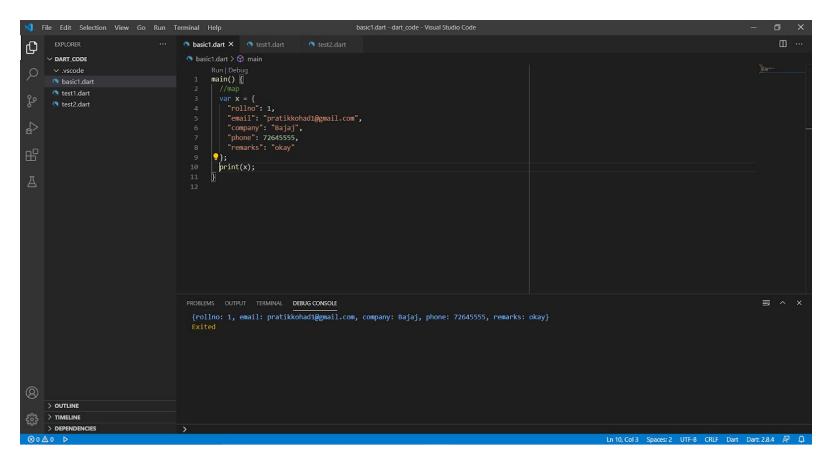


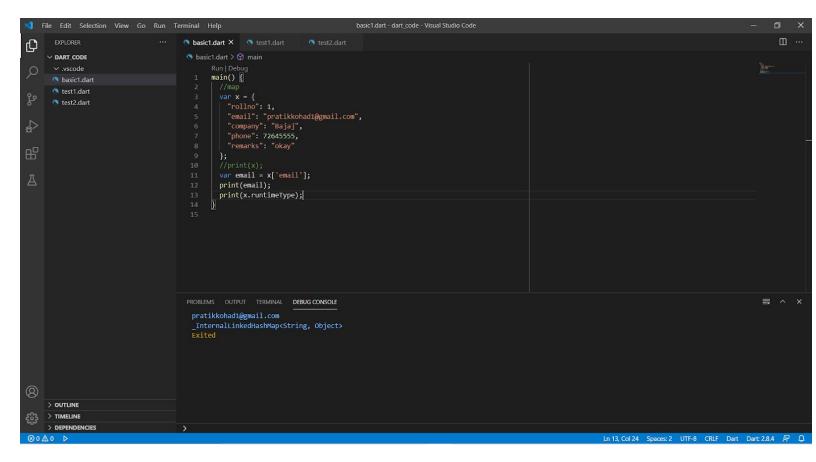


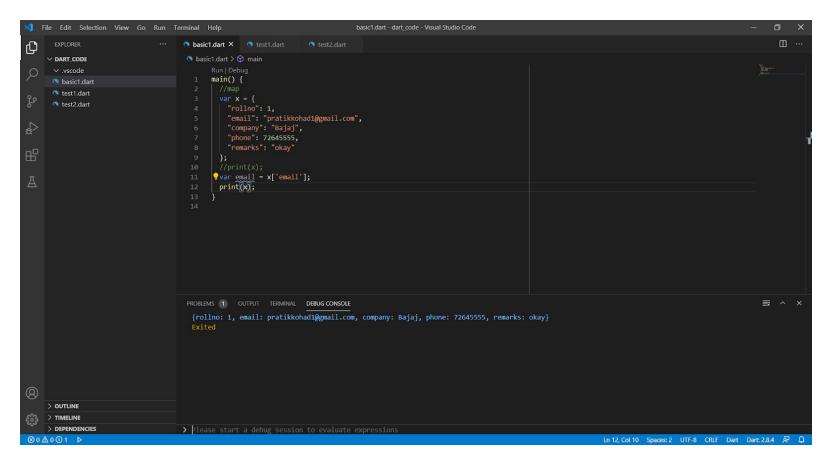


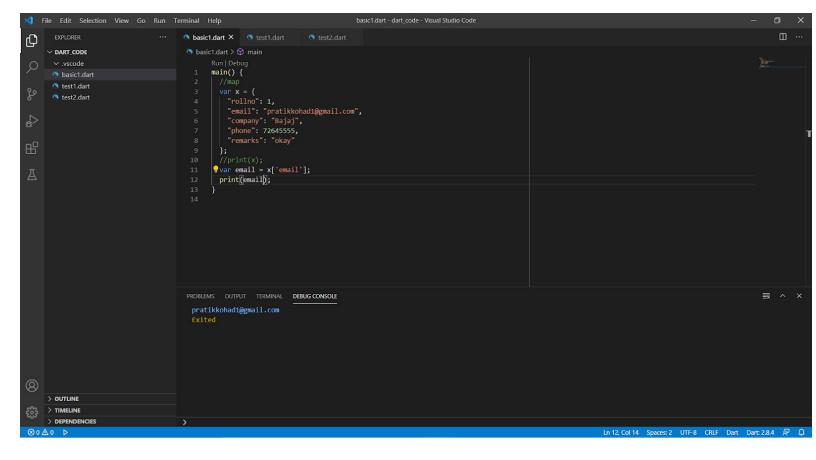




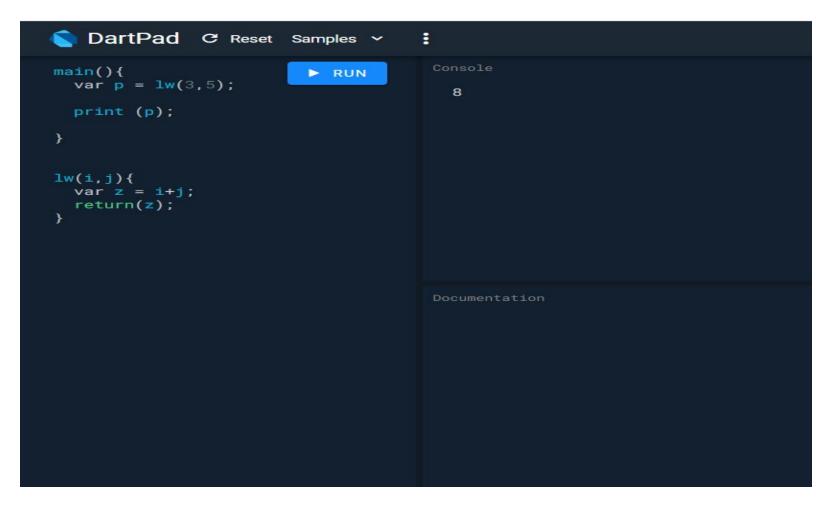


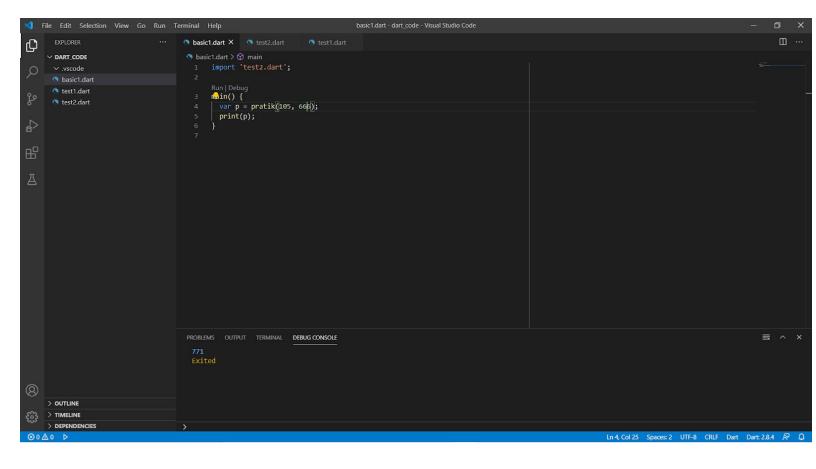


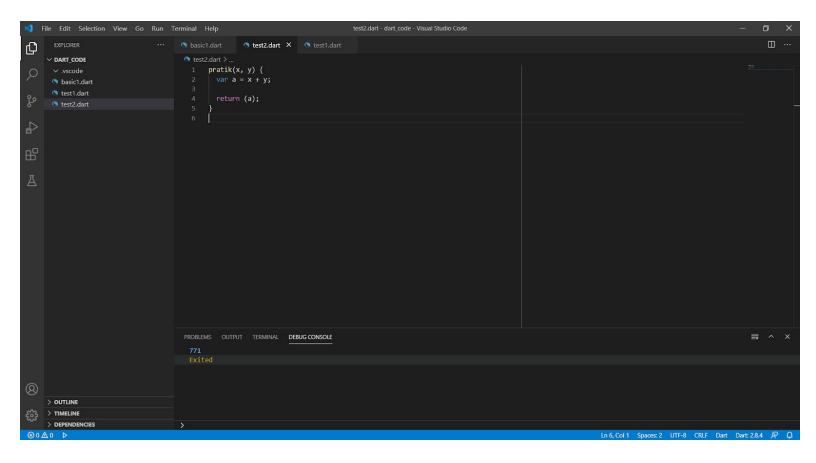




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Command Prompt
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Microsoft Windows [Version 10.0.18362.900]
(c) 2019 Microsoft Corporation. All rights reserved.
C:\Users\Asus>cd C:\src\flutter\flutter_class\projects
::\src\flutter\flutter_class\projects>dir
Volume in drive C is OS
Volume Serial Number is 3CCE-7C22
Directory of C:\src\flutter\flutter_class\projects
20/07/2020 11:13 PM
                       <DIR>
20/07/2020 11:13 PM
                        <DIR>
                                      test_app
17/07/2020 02:29 AM
                       <DIR>
21/07/2020 12:20 AM
                       <DIR>
                                      test_app2
              0 File(s)
                                     0 bytes
              4 Dir(s) 7,693,463,552 bytes free
C:\src\flutter\flutter class\projects>flutter create test app3
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Curect/District/District_Casts/projects/Flutter create test_apps)

Creating project test_apps...

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### Command Prompt

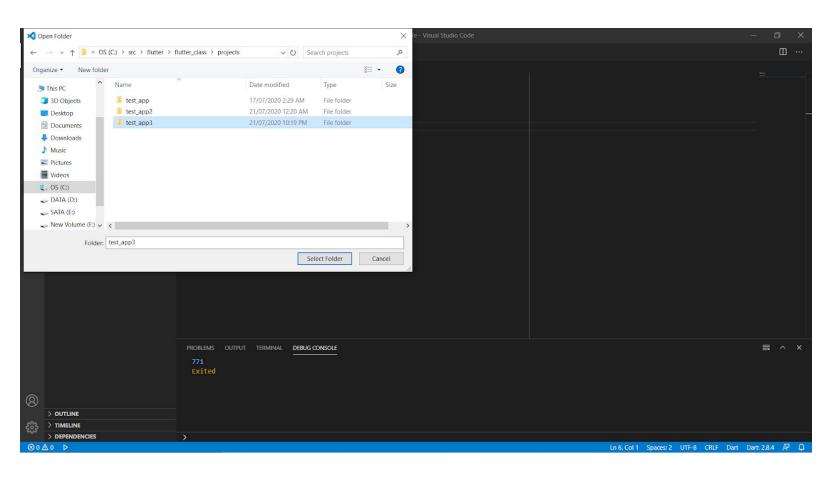
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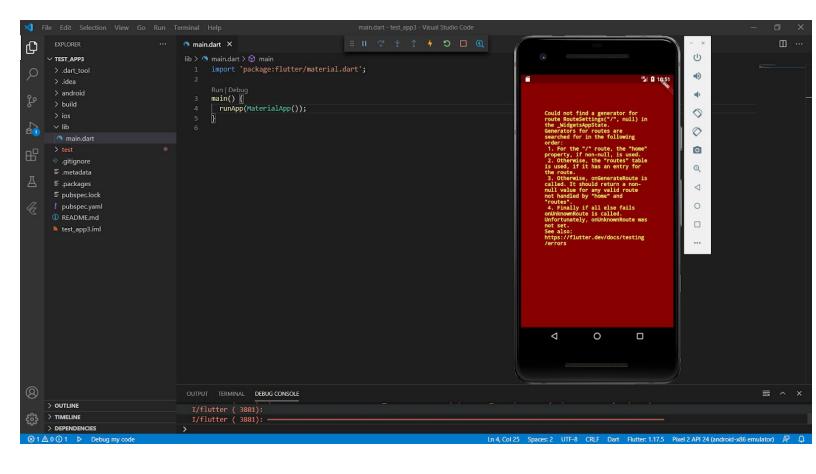
Run "flutter doctor" for information about installing additional components.

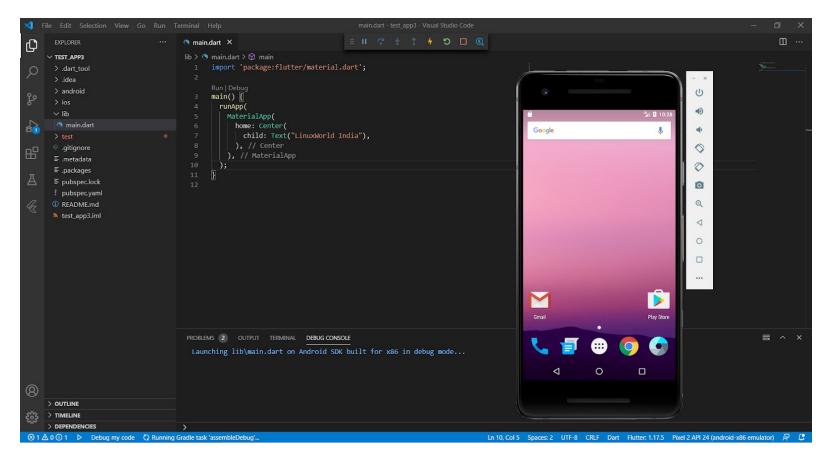
In order to run your application, type:

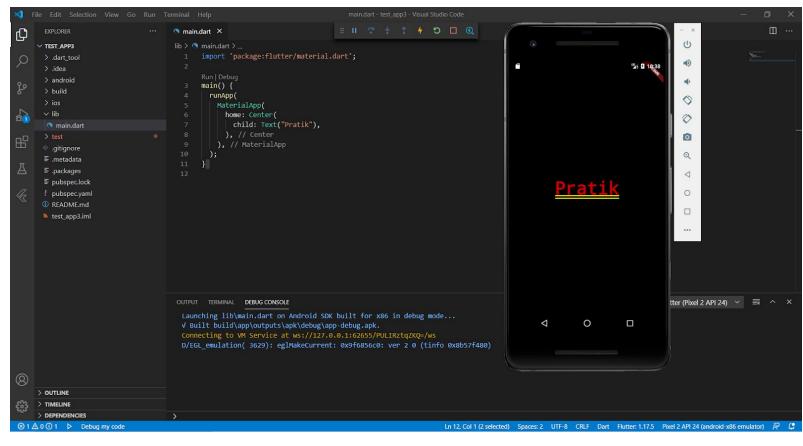
\$ cd test_app3
\$ flutter run

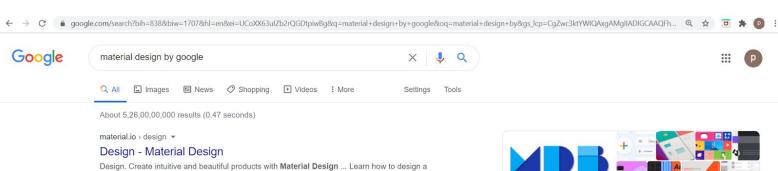
Your application code is in test_app3\lib\main.dart.











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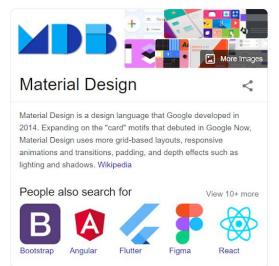
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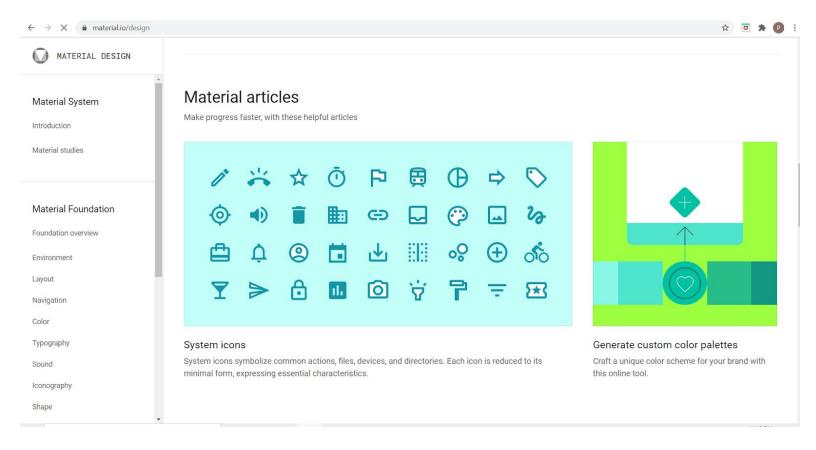
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Feedback



Thanks for Reading!!!