Experiment:01
MAD-PWA Lab:01

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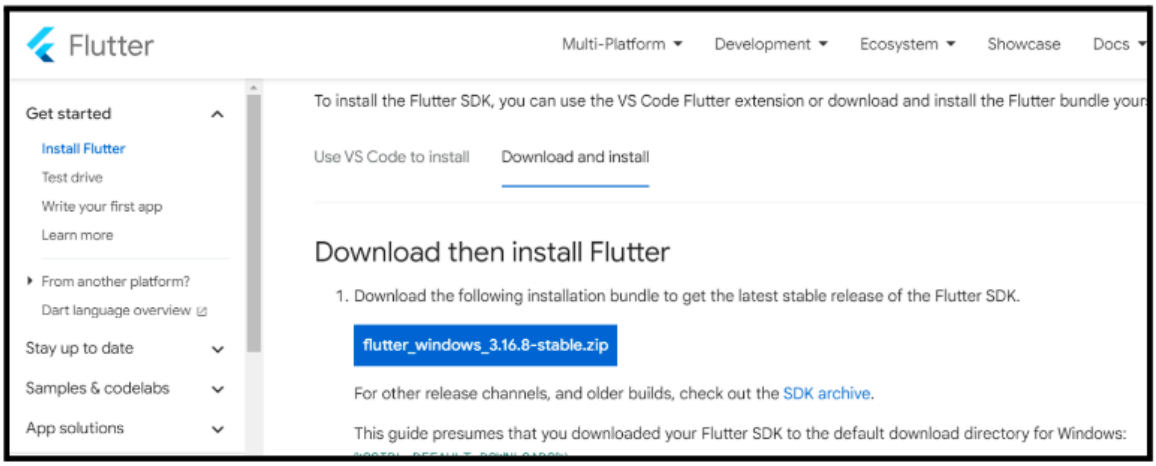
AIM: To install flutter and Android Studio on our machine.

Code:

1. Flutter installation successful:



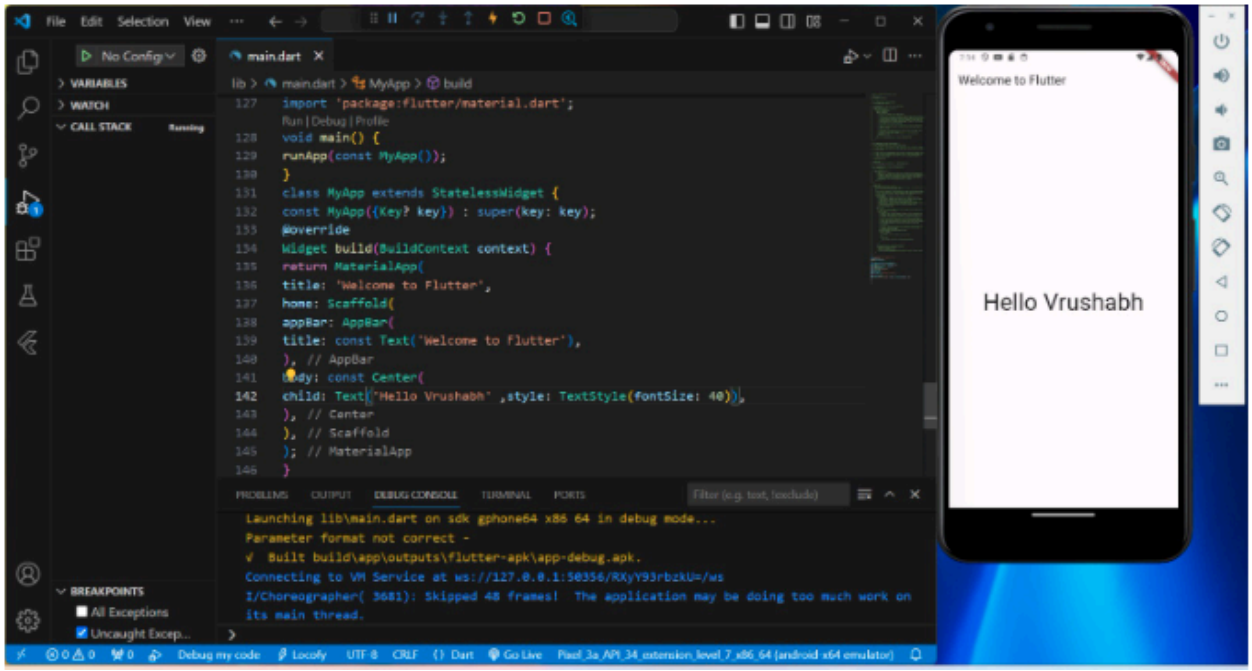

```
Manage your Flutter app development.

Common commands:

  flutter create <output directory>
    Create a new Flutter project in the specified directory.

  flutter run [options]
    Run your Flutter application on an attached device or in an emulator.

Usage: flutter <command> [arguments]

Global options:
-h, --help                  Print this usage information.
-v, --verbose               Noisy logging, including all shell commands executed.
                            If used with "--help", shows hidden options. If used with "flutter doctor", shows
                            additional diagnostic information. (Use "-vv" to force verbose logging in those cases.)
    --prefixed-errors       Causes lines sent to stderr to be prefixed with "ERROR:".
    --quiet                 Reduce the amount of output from some commands.
    --[no-]wrap             Toggles output word wrapping, regardless of whether or not the output is a terminal.
                            (defaults to on)
    --wrap-column           Sets the output wrap column. If not set, uses the width of the terminal. No wrapping
                            occurs if not writing to a terminal. Use "--no-wrap" to turn off wrapping when connected
                            to a terminal.
-d, --device-id             Target device id or name (prefixes allowed).
    --version               Reports the version of this tool.
    --machine               When used with the "--version" flag, outputs the information using JSON.
    --[no-]color            Whether to use terminal colors (requires support for ANSI escape sequences).
```

2. Code:

```
import 'package:flutter/material.dart';
void main() {
```

```
 runApp(const MyApp());
}
class MyApp extends StatelessWidget {
 const MyApp({Key? key}) : super(key: key);
 @override
 Widget build(BuildContext context) {
   return MaterialApp(
     title: 'Welcome to Flutter',
     home: Scaffold(
       appBar: AppBar(
         title: const Text('Welcome to Flutter'),
       ),
       body: const Center(
         child: Text('Hello Vrushabh'),
       ),
     ),
   );
 }
}
```

Output:



Conclusion: Thus, we have successfully installed flutter and Android Studio and executed a basic project.