Department of Information Technology

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Experiment No.:2

Aim: To install and configure Flutter Environment.

Prerequisites: Android studio, flutter SDK **.**

Problem Statement: To develop a flutter UI for creating student-ID using basic widgets of flutter.

Software: Android studio, flutter SDK **.**

Code:

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


void main() => runApp(TextWidget());


class TextWidget extends StatelessWidget {
@override
Widget build(BuildContext context) {
return MaterialApp(
home: Scaffold(
appBar: AppBar(
title: Text('My First App'),
),
body: SingleChildScrollView(
child: Column(
mainAxisAlignment: MainAxisAlignment.center, // Centers vertically
crossAxisAlignment:
CrossAxisAlignment.center, // Centers horizontally
```
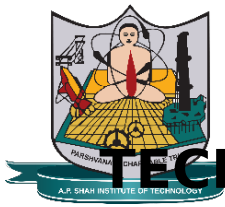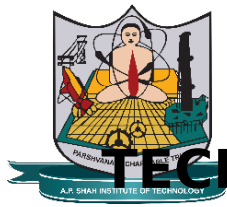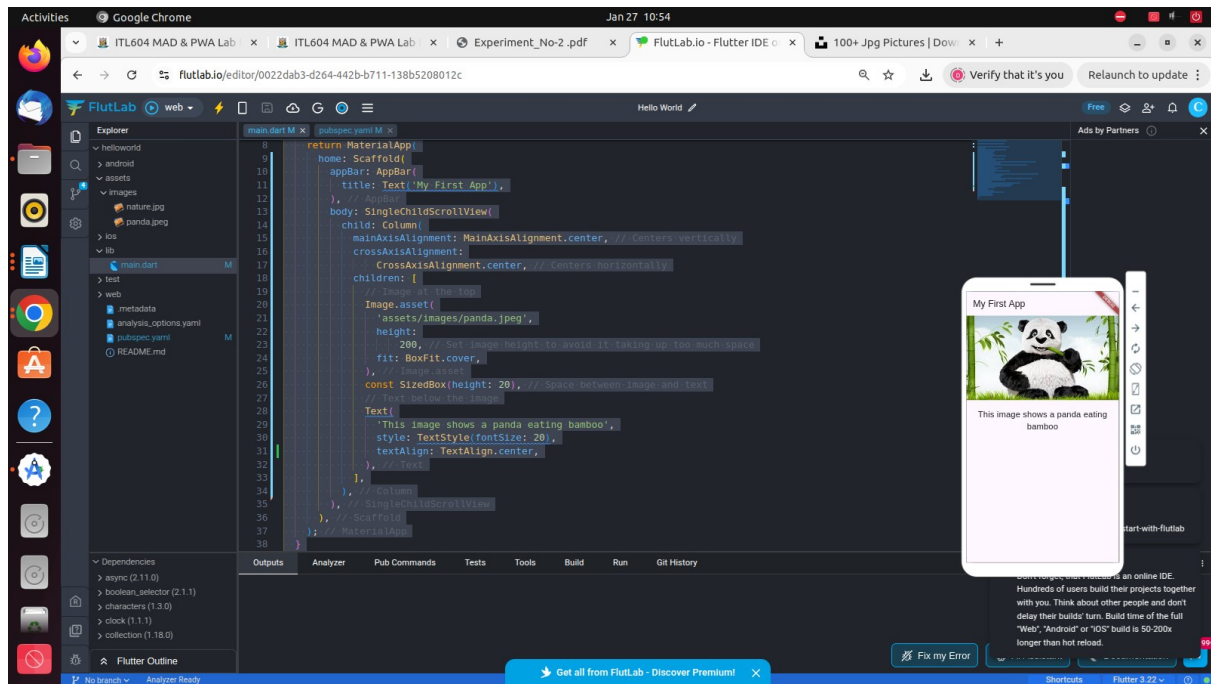
```
children: [
// Image at the top
Image.asset(
'assets/images/panda.jpeg',
height:
200, // Set image height to avoid it taking up too much space
fit: BoxFit.cover,
),
const SizedBox(height: 20), // Space between image and text
// Text below the image
Text(
'This image shows a panda eating bamboo',
style: TextStyle(fontSize: 20),
textAlign: TextAlign.center,
),
],
),
),
),
);
}
}
```

Output:

Conclusion: In this experiment we have created user interface by using flutter common widgets.