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Kelas : Flutter D

## Project 1

### Soal 1

#### Membuat Sidebar

```
// Menggunakan enddrawer supaya drawer ada di sebelah kanan
endDrawer: Container(
  color: const Color(0xFFFF0070),
  width: MediaQuery.of(context).size.width * 0.75,
  child: ListView(
    children: [
      Padding(
        padding: const EdgeInsets.fromLTRB(30, 10, 30, 5),
        child: ElevatedButton(
          onPressed: () {
            Scrollable.ensureVisible(keyAbout.currentContext!, duration: const Duration(seconds: 1));
            Navigator.pop(context);
          },
          style: ElevatedButton.styleFrom(
            backgroundColor: const Color(0xFF0C4295),
          ),
          child: const Text(
            "Contact",
            style: TextStyle(fontSize: 20, fontWeight: FontWeight.w700),
          ), // Text
        ), // ElevatedButton
      ), // Padding
      Padding(
        padding: const EdgeInsets.fromLTRB(30, 5, 30, 5),
        child: ElevatedButton(
          onPressed: () {
            Scrollable.ensureVisible(keyAbout.currentContext!, duration: const Duration(seconds: 1));
            Navigator.pop(context);
          },
          style: ElevatedButton.styleFrom(
            backgroundColor: const Color(0xFF0C4295),
          ),
          child: const Text(
            "About us",
            style: TextStyle(fontSize: 20, fontWeight: FontWeight.w700),
          ), // ElevatedButton
        ), // Padding
      ),
    ],
  ), // ListView
), // Container
```

```
), // ElevatedButton
), // Padding
Padding(
  padding: const EdgeInsets.fromLTRB(30, 5, 30, 5),
  child: ElevatedButton(
    onPressed: () {
      Scrollable.ensureVisible(keyAbout.currentContext!, duration: const Duration(seconds: 1));
      Navigator.pop(context);
    },
    style: ElevatedButton.styleFrom(
      backgroundColor: const Color(0xFF0C4295),
    ),
    child: const Text(
      "Login",
      style: TextStyle(fontSize: 20, fontWeight: FontWeight.w700),
    ), // Text
  ), // ElevatedButton
), // Padding
],
), // ListView
), // Container
```

## Soal 2

### A. About Us

```
), // Container
//membuat about us
Column(
  key: keyAbout,
  children: const [
    Padding(padding: EdgeInsets.all(20)),
    Text(style: TextStyle(fontSize: 20, fontWeight: FontWeight.w700), "About Us"),
    Padding(
      padding: EdgeInsets.all(20.0),
      child: Text(textAlign: TextAlign.center, "Selamat datang di toko merchandise Genshin Impact kami! Kami adalah toko n
    ), // Padding
  ],
), // Column

// Membuat List view product
```

### B. Gridview Product

#### - Membuat Class product

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

//Membuat class product
class Product {
  final String nama;
  final String harga;
  final String imageUrl;

  Product({
    required this.nama,
    required this.harga,
    required this.imageUrl,
  });
}
```

#### - Membuat Dummy list Product

```
//Membuat List dari class product
List<Product> product = [
  Product(
    nama: 'The Statue of Her Excellency Raiden Shogun',
    harga: "\$ 79.99",
    imageUrl: 'https://genshin.global/wp-content/uploads/2022/10/raiden-shogun-statue-almighty-excellency-official-merch.webp',
  ),
  Product(
    nama: 'The Statue of Her Excellency Raiden Shogun',
    harga: "\$ 79.99",
    imageUrl: 'https://genshin.global/wp-content/uploads/2022/10/raiden-shogun-statue-almighty-excellency-official-merch.webp',
  ),
  Product(
    nama: 'The Statue of Her Excellency Raiden Shogun',
    harga: "\$ 79.99",
    imageUrl: 'https://genshin.global/wp-content/uploads/2022/10/raiden-shogun-statue-almighty-excellency-official-merch.webp',
  ),
  Product(
    nama: 'The Statue of Her Excellency Raiden Shogun',
    harga: "\$ 79.99",
    imageUrl: 'https://genshin.global/wp-content/uploads/2022/10/raiden-shogun-statue-almighty-excellency-official-merch.webp',
  ),
  Product(
    nama: 'The Statue of Her Excellency Raiden Shogun',
    harga: "\$ 79.99",
    imageUrl: 'https://genshin.global/wp-content/uploads/2022/10/raiden-shogun-statue-almighty-excellency-official-merch.webp',
  ),
];
```

- Membuat widget list product

```
//membuat widget List Product
class ListProduct extends StatelessWidget {
  const ListProduct({super.key});

  @override
  Widget build(BuildContext context) {
    return GridView.builder(
      shrinkWrap: true,
      physics: const NeverScrollableScrollPhysics(),
      itemCount: product.length,
      gridDelegate: const SliverGridDelegateWithFixedCrossAxisCount(
        crossAxisCount: 2,
        childAspectRatio: 1,
      ), // SliverGridDelegateWithFixedCrossAxisCount
      itemBuilder: (context, index) {
        final products = product[index];
        return Card(
          child: Column(crossAxisAlignment: CrossAxisAlignment.stretch, children: [
            Expanded(
              child: Image.network(
                products.imageUrl,
                fit: BoxFit.cover,
              ), // Image.network
            ), // Expanded
            Padding(
              padding: const EdgeInsets.all(8.0),
              child: Column(
                crossAxisAlignment: CrossAxisAlignment.start,
                children: [
                  Text(products.nama),
                  const SizedBox(height: 20),
                  Text(products.harga),
                ],
              ), // Column
            ), // Padding
          ]), // Column
        );
      },
    );
  }
}
```

- Memanggil Widget list product

```
// Membuat List view product
const Text(style: TextStyle(fontSize: 20, fontWeight: FontWeight.w700), "Our Product"),

const Padding(padding: EdgeInsets.all(10)),
Container(
  key: keyProduct,
  //memanggil widget product
  child: const ListProduct(),
)
```

Output

