	REKAYASA PERANGKAT LUNAK		
	SMK NEGERI 2 SEMARANG		
	Semester 2	BASI DATA	
	Penilaian Sumatif	Mei 2023	5 JP

Anggota Kelompok :

1. Aisyah Apriliani Putri
(02)
2. Dhea Salsabila
(12)
3. Natasya Aurelia Putri
(26)
4. Tiara Nur Fadhilah
(34)

Kelas : XI RPL 1

- I. JUDUL**
Project Kelompok Penilain Sumatif Akhir Tahun.
- II. CAPAIAN PEMBELAJARAN**
1. Peserta didik mampu membuat database(basis data) didalam Command Prompt(CMD).
2. Peserta didik mampu merelasikan tabel
3. Peserta didik mampu menampilkan hasil database ke browser
- III. ALAT DAN BAHAN**
1. Komputer, Smartphone
2. VSCODE, CMD(Command Prompt)
3. MS Word
- IV. PROJECT**
1. **Buatlah sebuah program database, relasi tabel dan menampilkan data ke browser dengan tema mobil!**

Cara Menjawab :

Langkah 1 : Membuat database dengan script CMD sebagai berikut :
create database penjualan;

Langkah 2 : Membuat struktur data tabel hasil sebagai berikut :

Tabel kwitansi

```

+-----+-----+-----+-----+-----+-----+
| Field | Type   | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| no_kwitansi | char(8) | NO   | PRI | NULL    |      |
| nama_pembeli | varchar(30) | YES |     | NULL    |      |
| tgl_pembelian | varchar(15) | YES |     | NULL    |      |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.652 sec)

```

Tabel mobil

```

+-----+-----+-----+-----+-----+-----+
| Field | Type   | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| kode_mobil | int(5) | NO   | PRI | NULL    |      |
| brand      | varchar(25) | YES |     | NULL    |      |
| merk       | varchar(25) | YES |     | NULL    |      |
+-----+-----+-----+-----+-----+-----+
3 rows in set (1.864 sec)

```

Tabel pembayaran

```

+-----+-----+-----+-----+-----+-----+
| Field | Type   | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| no_pembayaran | int(5) | NO   | PRI | NULL    |      |
| harga        | varchar(30) | YES |     | NULL    |      |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.733 sec)

```

Langkah 3 : Isi dari masing – masing tabel sebagai berikut :

Tabel kwitansi

no_kwitansi	nama_pembeli	tgl_pembelian
1287	tiara	6 Mei 2021
2111	noya	20 Agustus 2022
2202	natasya	25 Mei 2021
2277	jennie	1 Agustus 2022
2342	Lisa	28 Juni 2021
2417	jisoo	17 Agustus 2022
2424	caca	15 April 2021
2582	Giselle	12 Juni 2021
2902	dhea	1 Juni 2021
2992	Rose	9 Juli 2022

10 rows in set (0.034 sec)

Tabel mobil

kode_mobil	brand	merk
1	toyota	raize
2	mitsubishi	expander
3	honda	civic
4	jeep	wrangler
5	mini	mini cooper
6	mazda	mazda2
7	hyundai	creta
8	lexus	lexus RZ
9	porsche	porsche 911
10	BMW	BMW M3

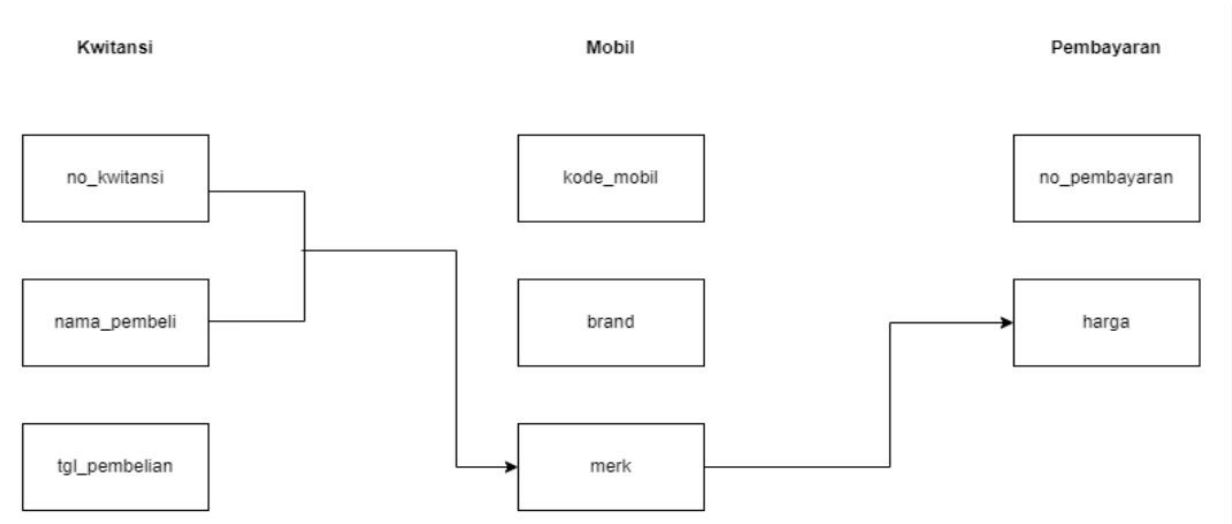
10 rows in set (0.030 sec)

Tabel kwitansi

no_pembayaran	harga
1	235.000.000,00
2	312.000.000,00
3	533.000.000,00
4	1.730.000.000,00
5	1.180.000.000,00
6	348.000.000,00
7	299.000.000,00
8	999.000.000,00
9	3.599.000.000,00
10	2.059.000.000,00

10 rows in set (0.009 sec)

Relasi Table



Implementasi Relasi Table ke Bahasa pemrograman PHP

1. Index

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Landing Page</title>
  <link rel="stylesheet" type="text/css" href="style.css">
</head>
<body>
  <div class="wrapper">
    <div class="nav">
      <div class="logo">
        <a href="#">
          <p>RIS DEALER</p>
        </a>
      </div>
      <ul>
        <li Home class="nav-item">
          <a class="nav-link" href="/ris_mobil/landing_page/Home.php">Home</a>
        </li>
        <li Rekapulasi class="nav-item">
          <a class="nav-link" href="/ris_mobil/data_mobil/Rekapulasi.php">Rekapulasi</a>
        </li>
        <li About class="nav-item">
          <a class="nav-link" href="/ris_mobil/tentang_ris/About.php">About</a>
        </li>
        <li Contact Us class="nav-item">
          <a class="nav-link" href="/ris_mobil/Contact Us/Contact.php">Contact</a>
        </li>
      </ul>
    </div>
  </div>
</body>
</html>
```

```
<div class="nav">
  <div class="logo">
    <a class="nav-link" href="/ris_mobil/landing_page/Home.php">Home</a>
  </div>
  <ul>
    <li Rekapulasi class="nav-item">
      <a class="nav-link" href="/ris_mobil/data_mobil/Rekapulasi.php">Rekapulasi</a>
    </li>
    <li About class="nav-item">
      <a class="nav-link" href="/ris_mobil/tentang_ris/About.php">About</a>
    </li>
    <li Contact Us class="nav-item">
      <a class="nav-link" href="/ris_mobil/Contact Us/Contact.php">Contact</a>
    </li>
  </ul>
</div>
<div class="header">
  <h1>RIS Dealer</h1>
</div>
<div class="content-header">
  <p>Wikmati pengalaman berkendara penuh gaya dan kenyamanan dengan mobil yang sporty dan stylish. It</p>
  <div>
    <input type="text" name="text" class="search-input" placeholder="cari mobil impian...">
    <input class="search-btn" type="button" value="Cari">
  </div>
</div>
<div class="col-img">
  
</div>
</div>
</body>
</html>
```


2. Rekaptulasi

The screenshot displays the Visual Studio Code interface with the following details:

- Menu Bar:** File, Edit, Selection, View, Go, Run, Help.
- Explorer (Left Sidebar):** Shows the project structure under 'RIS_MOBIL', including folders like 'data_mobil' and files like 'Rekapulasi.php'.
- Editor (Main Area):** Displays the content of 'Rekapulasi.php'. The code includes:
 - PHP code for connecting to a MySQL database and querying vehicle data.
 - HTML boilerplate with a meta charset of 'UTF-8' and a viewport for mobile devices.
 - HTML structure for a car dealership listing, including a navigation bar and a table for vehicle details.
- Bottom Status Bar:** Shows 'Ln 1, Col 1', 'UTF-8' encoding, and 'PHP' file type.

[illegible]

The screenshot shows the Visual Studio Code editor with the following details:

- File Explorer (Left):** Lists files in the 'ris_mobil' project, including 'Contact_Us', 'Contact.php', 'porbiru-removebg-preview.png', 'style.css', 'data_mobil', 'porbiru-removebg-preview.png', 'Rekapulasi.php' (selected), 'style.css', 'landing_page', 'Home.php', 'porbiru-removebg-preview.png', 'style.css', 'tentang_ris', 'About.php', 'porbiru-removebg-preview.png', 'style.css', 'index.html', 'main.html', 'porbiru-removebg-preview.png', and 'style.css'.
- Editor (Center):** Displays the code for 'Rekapulasi.php'. The code includes a table with the following structure:


```

      <div class="collapse navbar-collapse" id="navbarSupportedContent">
      <title>REKAPULASI RIS DEALER</title>
      <table align="center" border="1" cellpadding="10" cellspacing="0">
      <tr>
      <td>no_kwitansi</td>
      <td>nama_pembeli</td>
      <td>merk</td>
      <td>harga</td>
      </tr>
      <?php while($row=mysqli_fetch_assoc($result)): ?>
      <tr>
      <td><?php echo $row["no_kwitansi"]; ?></td>
      <td><?php echo $row["nama_pembeli"]; ?></td>
      <td><?php echo $row["merk"]; ?></td>
      <td><?php echo $row["harga"]; ?></td>
      </tr>
      <?php endwhile ?>
      </table>
      </body>
      <div class="wrapper">
      <div class="nav">
      <div class="logo">
      <a href="#">
      </a>
      </div>
      </div>
      </div>
      
```
- Terminal (Top):** Shows the command 'Rekapulasi.php - ris_mobil - Visual Studio Code'.
- Bottom Bar:** Displays the status bar with 'Ln 91, Col 10', 'Spaces: 4', 'UTF-8', 'CRLF', 'PHP', and the date '07/06/2023'.

File Edit Selection View Go Run Terminal Help

Rekapulasi.php - ris_mobil - Visual Studio Code

EXPLORER

data_mobil > Rekapulasi.php

82 </body>
83 </html>
84 </div>
85 </body>
86 <div class="wrapper">
87 <div class="nav">
88 <div class="logo">
89
90
91 </div>
92
93 <li Home class="nav-item">
94 Home
95
96 <li Rekapulasi class="nav-item">
97 Rekapulasi
98
99 <li About class="nav-item">
100 About
101
102 <li Contact Us class="nav-item">
103 Contact
104
105
106 </div>
107 <div class="header">
108
109 </div>
110 </table>
111 </body>
112 </html>

Ln 112, Col 12 Spaces: 4 UTF-8 CRLF PHP

3. Home

File Edit Selection View Go Run Terminal Help

Home.php - ris_mobil - Visual Studio Code

EXPLORER

landing_page > Home.php

1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <meta charset="UTF-8">
5 <meta http-equiv="X-UA-Compatible" content="IE=edge">
6 <meta name="viewport" content="width=device-width, initial-scale=1.0">
7 <title>Landing Page</title>
8 <link rel="stylesheet" type="text/css" href="style.css">
9 </head>
10 <body>
11 <div class="wrapper">
12 <div class="nav">
13 <div class="logo">
14
15 <p>RIS DEALER</p>
16
17 </div>
18
19
20 <li Home class="nav-item">
21 Home
22
23 <li Rekapulasi class="nav-item">
24 Rekapulasi
25
26 <li About class="nav-item">
27 About
28
29 <li Contact Us class="nav-item">
30 Contact
31
32
33 </div>

Ln 1, Col 1 Spaces: 4 UTF-8 CRLF PHP

File Edit Selection View Go Run Terminal Help

Home.php - ris_mobil - Visual Studio Code

EXPLORER

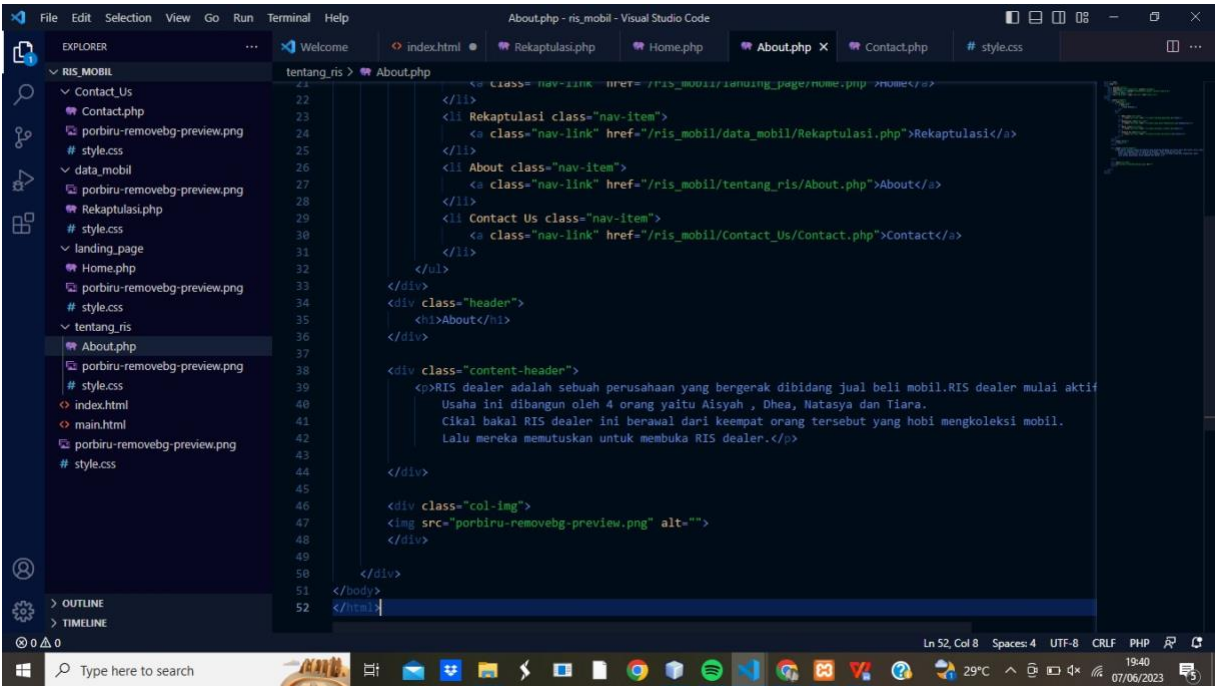
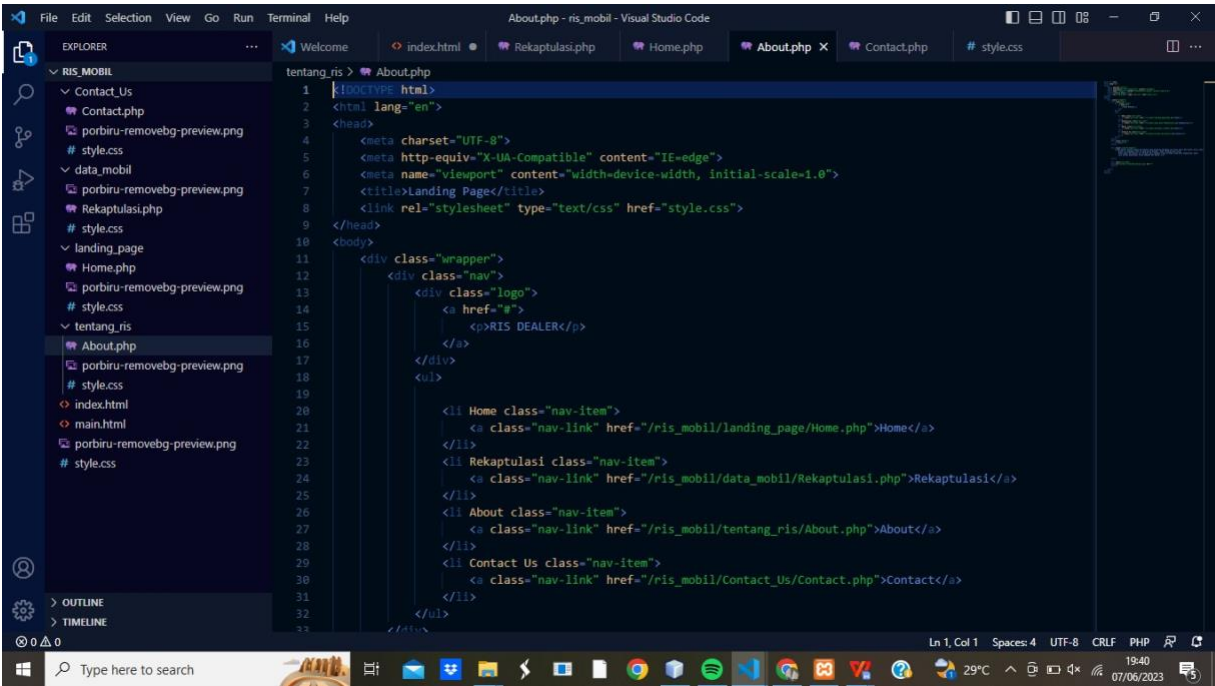
landing_page > Home.php

20 <li Home class="nav-item">
21 Home
22
23 <li Rekapulasi class="nav-item">
24 Rekapulasi
25
26 <li About class="nav-item">
27 About
28
29 <li Contact Us class="nav-item">
30 Contact
31
32
33 </div>
34 <div class="header">
35 <h1>RIS Dealer</h1>
36 </div>
37
38 <div class="content-header">
39 <p>Nikmati pengalaman berkendara penuh gaya dan kenyamanan dengan mobil yang sporty dan stylish. It
40

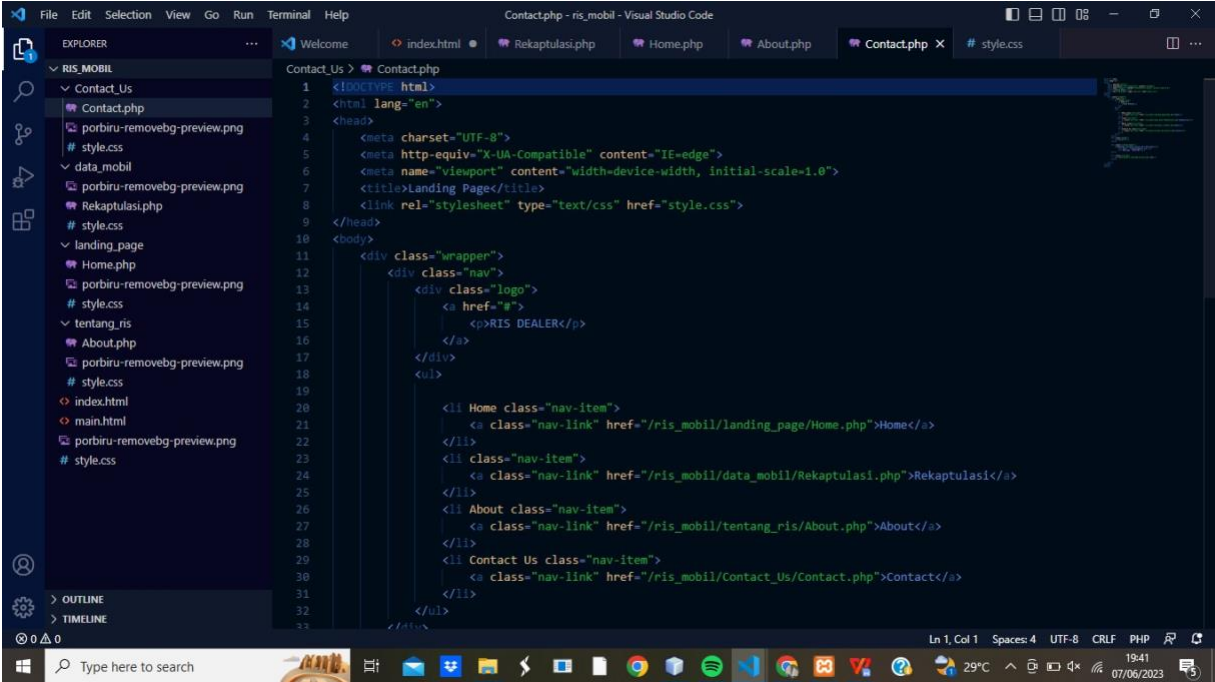
41 <input type="text" name="text" class="search-input" placeholder="cari mobil impian...">
42 <input class="search-btn" type="button" value="Cari!">
43 </div>
44
45 <div class="col-img">
46
47 </div>
48 </div>
49 </body>
50 </html>
51

Ln 51, Col 1 Spaces: 4 UTF-8 CRLF PHP

4. Aabout



5. Contact



File Edit Selection View Go Run Terminal Help

index.html Rekapulasi.php Home.php About.php Contact.php style.css

RIS_MOBIL

Contact_Us

Contact.php

porbiru-removebg-preview.png

style.css

data_mobil

porbiru-removebg-preview.png

Rekapulasi.php

style.css

landing_page

Home.php

porbiru-removebg-preview.png

style.css

tentang_ris

About.php

porbiru-removebg-preview.png

style.css

index.html

main.html

porbiru-removebg-preview.png

style.css

Contact_Us > Contact.php

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43

44

45

46

47

48

49

50

<li Home class="nav-item">

Home

<li class="nav-item">

Rekapulasi

<li About class="nav-item">

About

<li Contact Us class="nav-item">

Contact

</div>

<div class="header">

<h1>Contact</h1>

</div>

<div class="content-header">

<p>Dapatkan informasi terkini dari RIS dealer</p>

 Email : risdealer@gmail.com </br>

 Whatsapp : 08147702 </br>

</div>

<div class="col-img">

</div>

</div>

</body>

</html>

Ln 50, Col 8 Spaces: 4 UTF-8 CRLF PHP

6. Style

File Edit Selection View Go Run Terminal Help

index.html Rekapulasi.php Home.php About.php Contact.php style.css

RIS_MOBIL

Contact_Us

Contact.php

porbiru-removebg-preview.png

style.css

data_mobil

porbiru-removebg-preview.png

Rekapulasi.php

style.css

landing_page

Home.php

porbiru-removebg-preview.png

style.css

tentang_ris

About.php

porbiru-removebg-preview.png

style.css

index.html

main.html

porbiru-removebg-preview.png

style.css

style.css

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style.css

{

margin: 0;

padding: 0;

width: 100%;

}

body {

margin: 0;

padding: 0;

width: 100%;

height: 100%;

background-image: url(https://e1.pxfuel.com/desktop-wallpaper/432/217/desktop-wallpaper-solid-grey-plain-grey-1920x1080.jpg);

background-repeat: repeat;

background-size: auto;

display: block;

}

.logo {

float: left;

margin-left: 46px;

padding: 0px 38px;

font-family: 'Raleway', sans-serif;

font-size: 25px;

font-weight: bold;

}

.logo a {

text-decoration: none;

color: #000000;

}

.nav {

Ln 1, Col 1 Spaces: 4 UTF-8 CRLF CSS

File Edit Selection View Go Run Terminal Help

index.html Rekapulasi.php Home.php About.php Contact.php style.css

RIS_MOBIL

Contact_Us

Contact.php

porbiru-removebg-preview.png

style.css

data_mobil

porbiru-removebg-preview.png

Rekapulasi.php

style.css

landing_page

Home.php

porbiru-removebg-preview.png

style.css

tentang_ris

About.php

porbiru-removebg-preview.png

style.css

index.html

main.html

porbiru-removebg-preview.png

style.css

style.css

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style.css

.nav ul li

margin-left: 46px;

padding: 0px 38px;

font-family: 'Raleway', sans-serif;

font-size: 25px;

font-weight: bold;

}

.logo a {

text-decoration: none;

color: #000000;

}

.nav {

position: absolute;

top: 0;

left: 0;

margin: 0;

padding: 0;

height: 80px;

width: 100%;

}

.nav ul {

list-style: none;

cursor: pointer;

float: right;

margin-right: 140px;

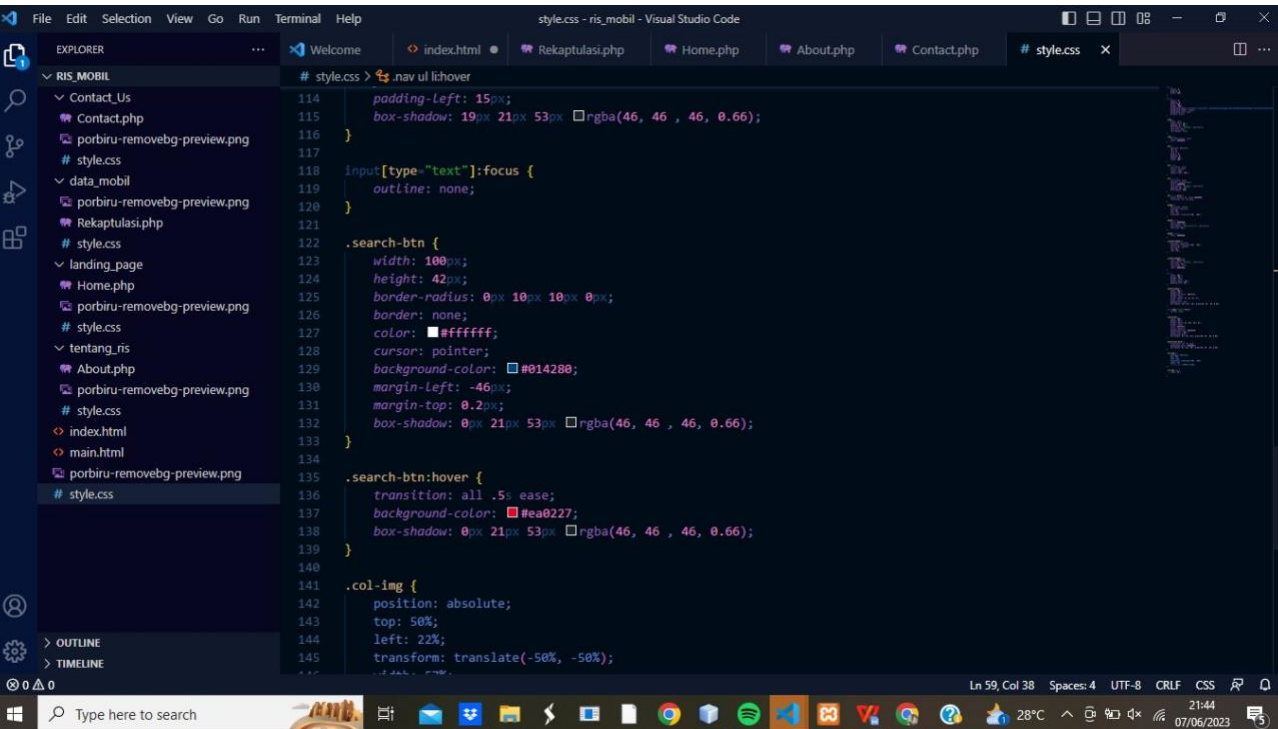
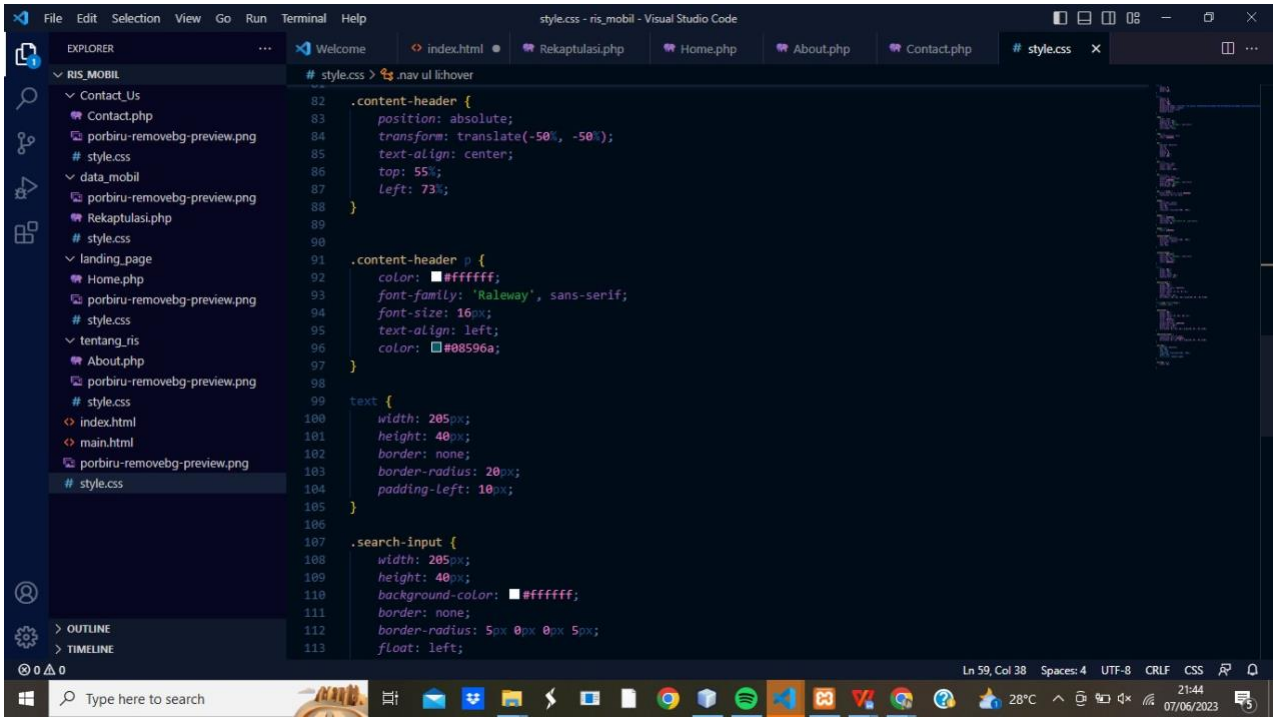
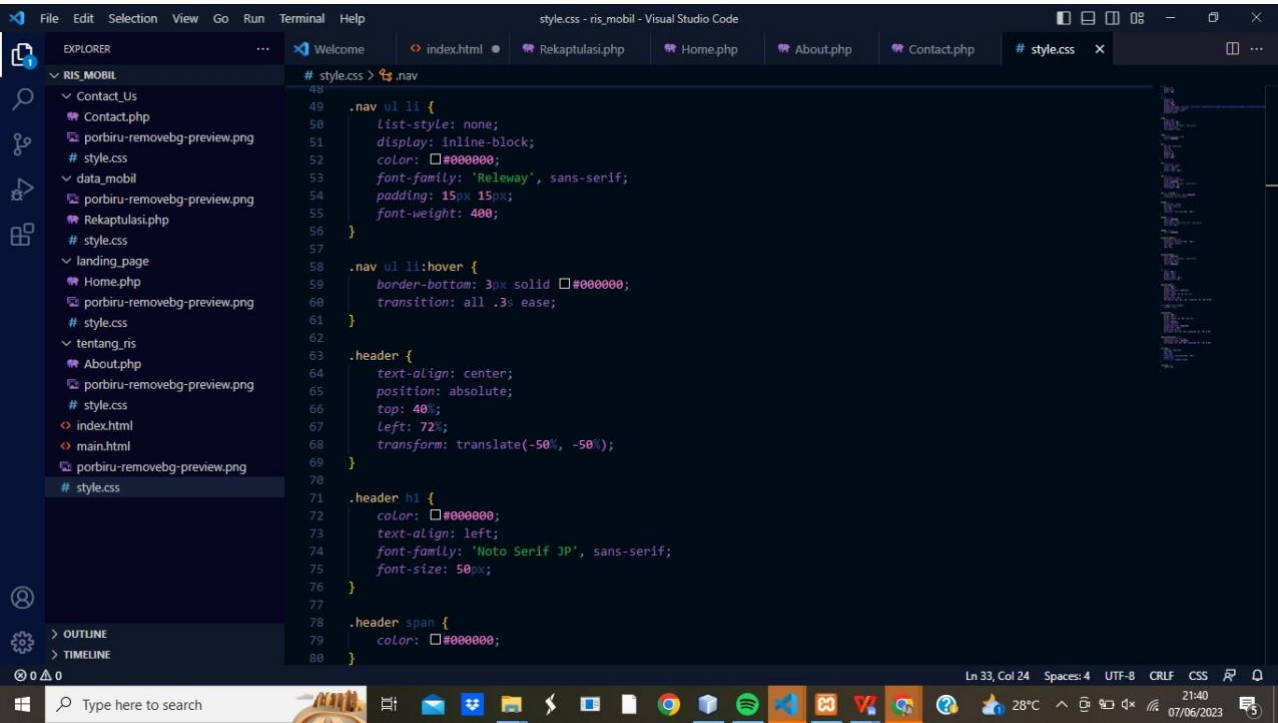
}

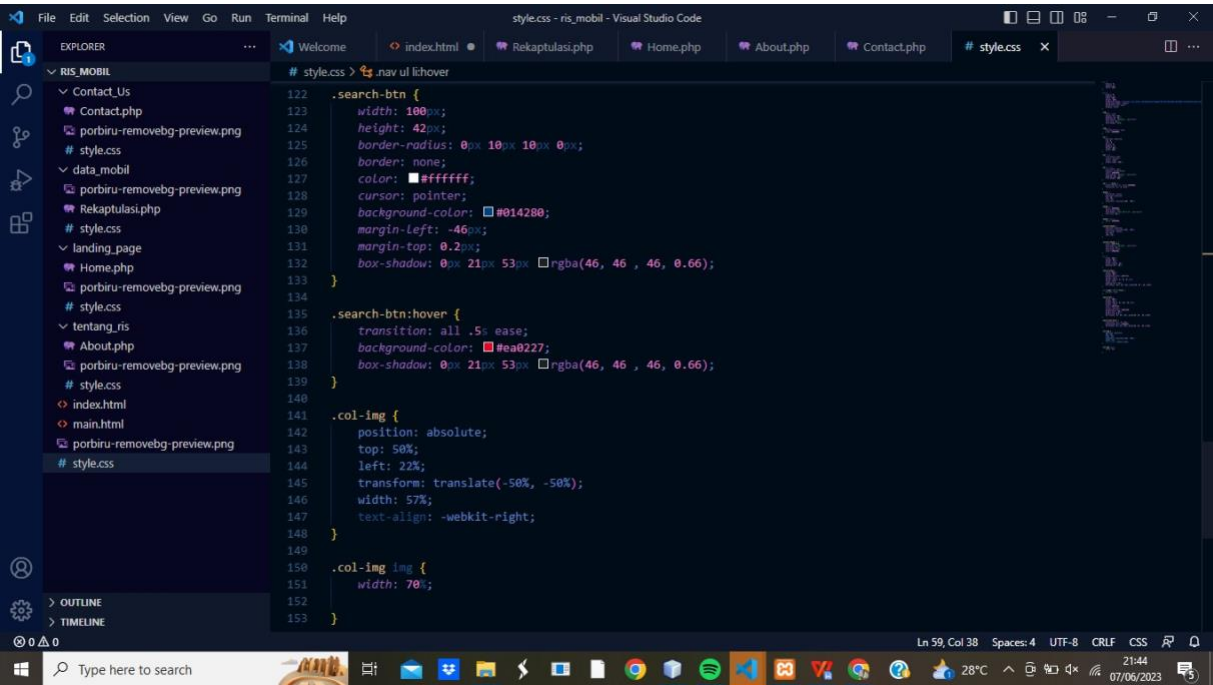
.nav ul li

list-style: none;

display: inline-block;

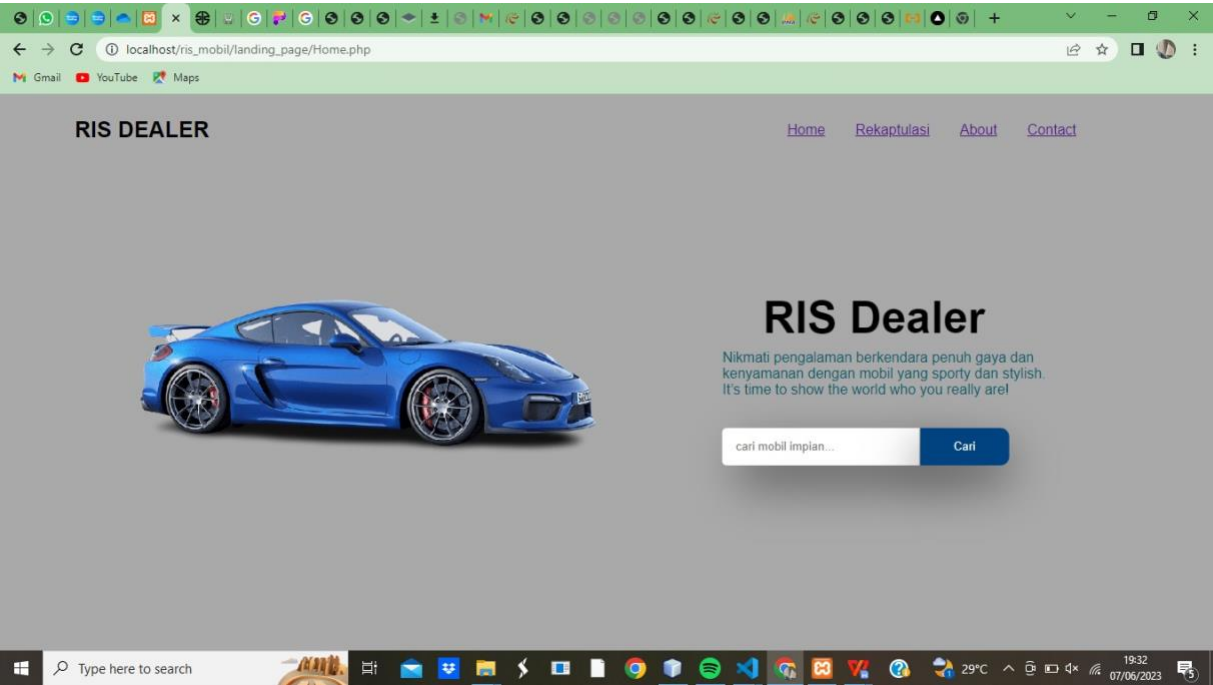
Ln 50, Col 1 Spaces: 4 UTF-8 CRLF CSS





Hasil program database ke Browser :

1. Home



2. Rekapulasi



2277	jennie	expander	312.000.000,00
2342	Lisa	expander	312.000.000,00
2417	jisoo	expander	312.000.000,00
2424	caca	expander	312.000.000,00
2582	Giselle	expander	312.000.000,00
2902	dhea	expander	312.000.000,00
2992	Rose	expander	312.000.000,00
1287	tiara	civic	533.000.000,00
2111	noya	civic	533.000.000,00
2202	natasya	civic	533.000.000,00
2277	jennie	civic	533.000.000,00
2342	Lisa	civic	533.000.000,00
2417	jisoo	civic	533.000.000,00
2424	caca	civic	533.000.000,00
2582	Giselle	civic	533.000.000,00
2902	dhea	civic	533.000.000,00
2992	Rose	civic	533.000.000,00
1287	tiara	wrangler	1.730.000.000,00
2111	nova	wrangler	1.730.000.000,00

2202	natasya	wrangler	1.730.000.000,00
2277	jennie	wrangler	1.730.000.000,00
2342	Lisa	wrangler	1.730.000.000,00
2417	jisoo	wrangler	1.730.000.000,00
2424	caca	wrangler	1.730.000.000,00
2582	Giselle	wrangler	1.730.000.000,00
2902	dhea	wrangler	1.730.000.000,00
2992	Rose	wrangler	1.730.000.000,00
1287	tiara	mini cooper	1.180.000.000,00
2111	noya	mini cooper	1.180.000.000,00
2202	natasya	mini cooper	1.180.000.000,00
2277	jennie	mini cooper	1.180.000.000,00
2342	Lisa	mini cooper	1.180.000.000,00
2417	jisoo	mini cooper	1.180.000.000,00
2424	caca	mini cooper	1.180.000.000,00

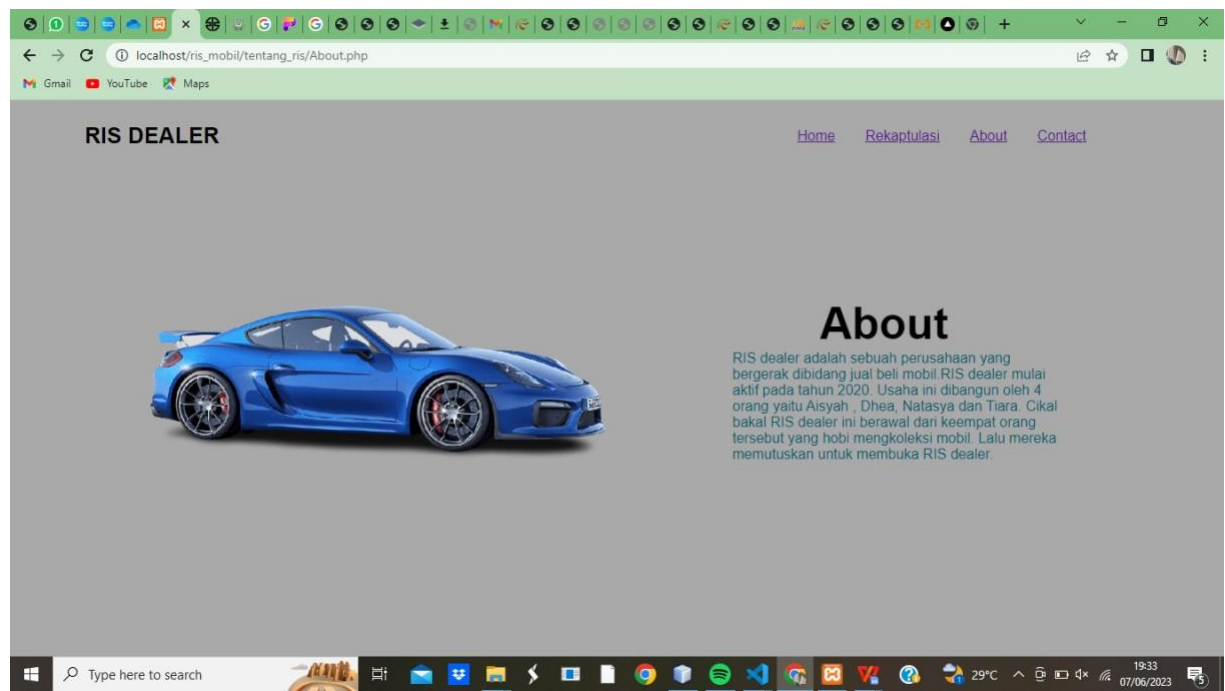
2582	Giselle	mini cooper	1.180.000.000,00
2902	dhea	mini cooper	1.180.000.000,00
2992	Rose	mini cooper	1.180.000.000,00
1287	tiara	mazda2	348.000.000,00
2111	noya	mazda2	348.000.000,00
2202	natasya	mazda2	348.000.000,00
2277	jennie	mazda2	348.000.000,00
2342	Lisa	mazda2	348.000.000,00
2417	jisoo	mazda2	348.000.000,00
2424	caca	mazda2	348.000.000,00
2582	Giselle	mazda2	348.000.000,00
2902	dhea	mazda2	348.000.000,00
2992	Rose	mazda2	348.000.000,00
1287	tiara	creta	299.000.000,00
2111	noya	creta	299.000.000,00
2202	natasya	creta	299.000.000,00
2277	jennie	creta	299.000.000,00

2342	Lisa	creta	299.000.000,00
2417	jisoo	creta	299.000.000,00
2424	caca	creta	299.000.000,00
2582	Giselle	creta	299.000.000,00
2902	dhea	creta	299.000.000,00
2992	Rose	creta	299.000.000,00
1287	tiara	lexus RZ	999.000.000,00
2111	noya	lexus RZ	999.000.000,00
2202	natasya	lexus RZ	999.000.000,00
2277	jennie	lexus RZ	999.000.000,00
2342	Lisa	lexus RZ	999.000.000,00
2417	jisoo	lexus RZ	999.000.000,00
2424	caca	lexus RZ	999.000.000,00
2582	Giselle	lexus RZ	999.000.000,00
2902	dhea	lexus RZ	999.000.000,00
2992	Rose	lexus RZ	999.000.000,00
1287	tiara	porsche 911	3.599.000.000,00
2111	noya	porsche 911	3.599.000.000,00

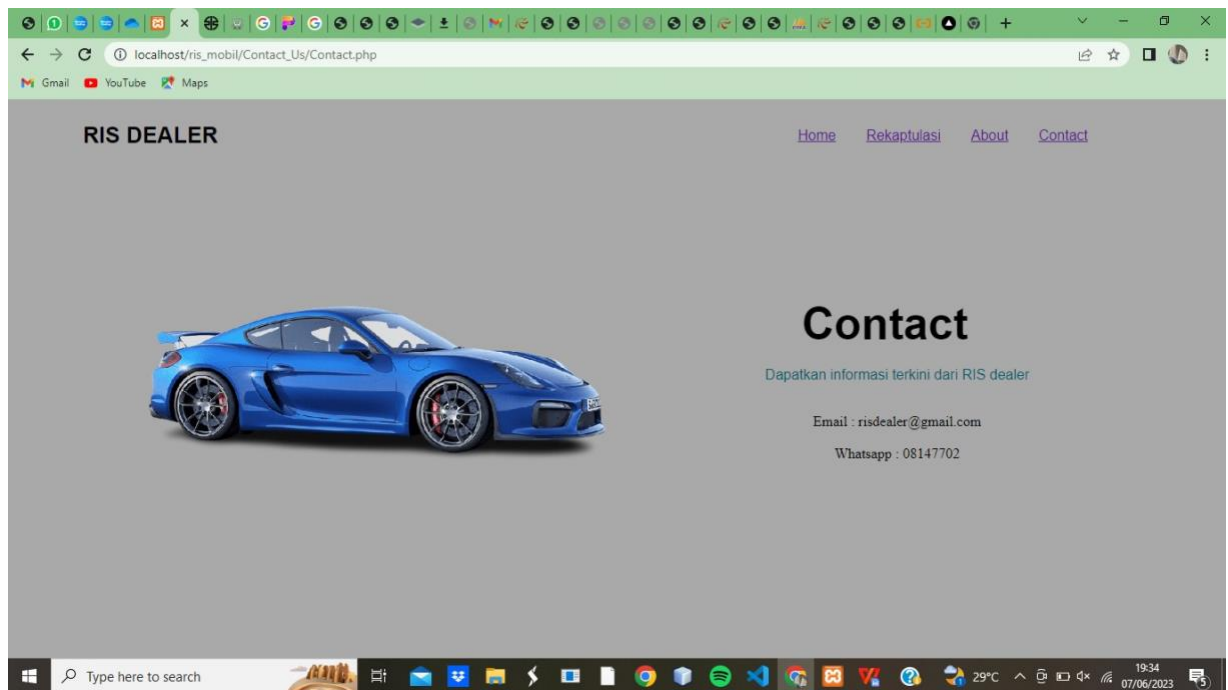
2202	natasya	porsche 911	3.599.000.000,00
2277	jennie	porsche 911	3.599.000.000,00
2342	Lisa	porsche 911	3.599.000.000,00
2417	jisoo	porsche 911	3.599.000.000,00
2424	caca	porsche 911	3.599.000.000,00
2582	Giselle	porsche 911	3.599.000.000,00
2902	dhea	porsche 911	3.599.000.000,00
2992	Rose	porsche 911	3.599.000.000,00
1287	tiara	BMW M3	2.059.000.000,00
2111	noya	BMW M3	2.059.000.000,00
2202	natasya	BMW M3	2.059.000.000,00
2277	jennie	BMW M3	2.059.000.000,00

2902	dhea	porsche 911	3.599.000.000,00
2992	Rose	porsche 911	3.599.000.000,00
1287	tiara	BMW M3	2.059.000.000,00
2111	noya	BMW M3	2.059.000.000,00
2202	natasya	BMW M3	2.059.000.000,00
2277	jennie	BMW M3	2.059.000.000,00
2342	Lisa	BMW M3	2.059.000.000,00
2417	jisoo	BMW M3	2.059.000.000,00
2424	caca	BMW M3	2.059.000.000,00
2582	Giselle	BMW M3	2.059.000.000,00
2902	dhea	BMW M3	2.059.000.000,00
2992	Rose	BMW M3	2.059.000.000,00

3. About



4. Contact



Mengetahui,
Semarang, Mei 2023
Guru Mapel RPL

M.N.Kurniawan, S.Kom