

# WEB PROGRAMMING QUIZ 1 REPORT

Juang Maulana Taruna Putra

5025231257

## Website

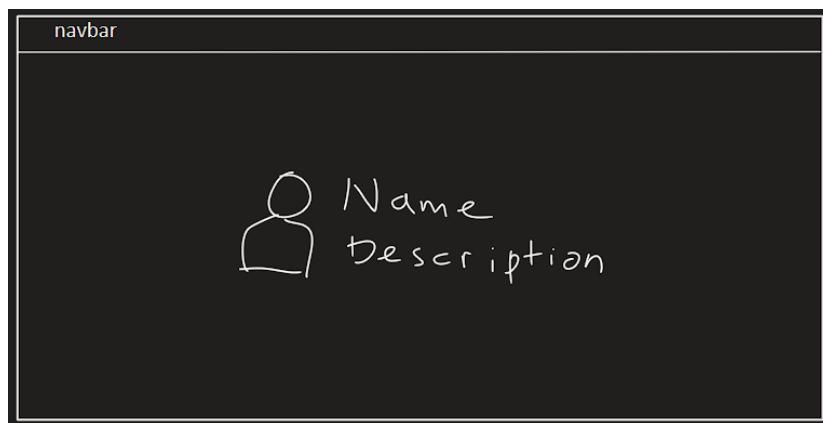
<https://juangmaulana.github.io/quiz1/>

## Repository

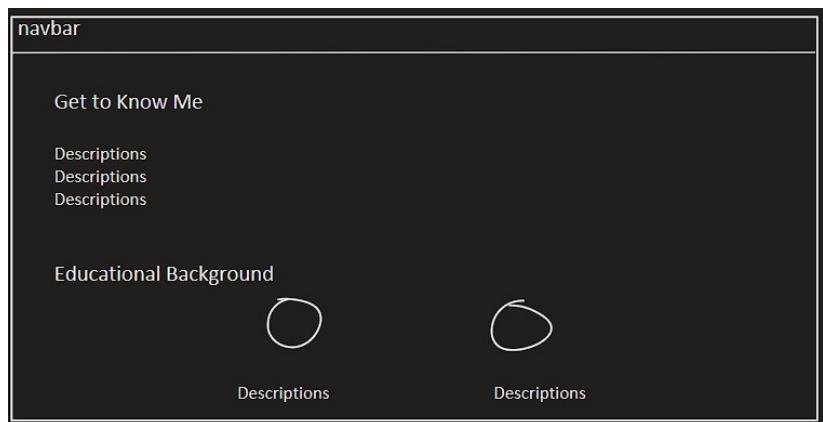
<https://github.com/juangmaulana/quiz1>

## Design

### Home



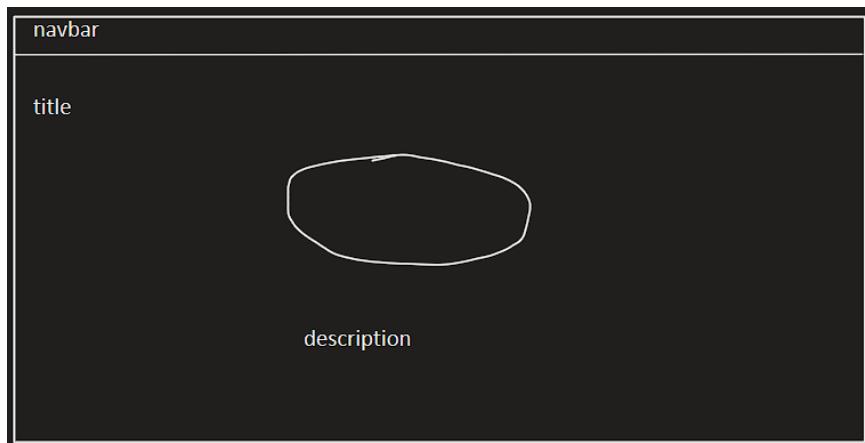
### Profile



## Hometown



## Local Food



## Tourist Destination



## Pseudocode

### 1. Navbar

```
<header>
    <nav class="navbar">
        <ul>
            <li><a href="/quiz1">Home</a></li>
            <li><a href="/quiz1/profile">My Profile</a></li>
            <li><a href="/quiz1/hometown">My Hometown</a></li>
            <li><a href="/quiz1/food">Local Foods</a></li>
            <li><a href="/quiz1/tourist">Tourist Destinations</a></li>
        </ul>
    </nav>
</header>

.navbar ul {
    margin-bottom: 0px;
    list-style-type: none;
    background-color: □rgba(37, 37, 37, 0.99);
    padding: 0px;
    margin: 0px;
    overflow: hidden;
    width: 100%;
}

.navbar a [
    font-size: 18px;
    color: □whitesmoke;
    text-decoration: none;
    padding: 15px;
    display: block;
    text-align: center;
    transition: background-color 0.3s;
    transition: text-shadow 0.3s;
    transition: font-size 0.3s;
]

.navbar a:hover {
    font-size: 20px;
    background-color: □rgb(44, 43, 43);
    text-shadow: 1px 1px 10px □#fff, 1px 1px 10px □#ccc;
}

.navbar li {
    float: left;
}
```

Create lists of links that refers to different pages

Set background color lighter, with 0 margins, display as blocks and center it,

Add hover effect, background become lighter, and text glow (with shadow)

Add transition time to make it smoother

## 2. Index/Home

```
<body>
  <header>
    <nav class="navbar">
      <ul>
        <li><a href="index.html">Home</a></li>
        <li><a href="profile.html">My Profile</a></li>
        <li><a href="hometown.html">My Hometown</a></li>
        <li><a href="food.html">Local Foods</a></li>
        <li><a href="tourist.html">Tourist Destinations</a></li>
      </ul>
    </nav>
  </header>
  <section id="home" class="home">
    <div class="home-image">
      
    </div>
    <div class="home-text">
      <h1 class="typewriter">
        Hello, I'm Juang Maulana
      </h1>
      <p class="home-description">
        Informatics Engineering Student at Institut Teknologi Sepuluh Nopember
      </p>
    </div>
  </section>
```

```
.typewriter {
  font-size: 45px;
  overflow: hidden;
  border-right: .15em solid white;
  white-space: nowrap;
  margin-left: 0 auto;
  letter-spacing: .15em;
  animation:
    typing 3.5s steps(24, end),
    blink-caret .75s step-end infinite;
  text-align: left;
}

@keyframes typing {
  from { width: 0 }
  to { width: 100% }
}

@keyframes blink-caret {
  from, to { border-color: transparent }
  50% { border-color: white; }
}

.home {
  display: flex;
  align-items: center;
```

```
    padding: 0 2rem;
}

.home-image {
  position: relative;
  margin-top: 150px;
  margin-bottom: 100px;
  margin-left: 180px;
  margin-right: 0px;
}

.home-image img {
  width: 300px;
  height: 300px;
  border-radius: 50%;
  object-fit: cover;
  border: 3px solid white;
}

.home-text {
  margin-left: 50px;
  text-shadow: 1px 1px 5px #fff, 1px 1px 10px #ccc;
  flex: 1;
  min-width: 0;
}

.home-description {
  font-size: 20px;
}
```

Make it a flex type so it can be side by side

Add typewriter effect : make a blink carpet and hide the text, so that it will has the typewriter effect, basically move the carpet or the | to the right slowly and unveiling the text

## Final Design :

Home   My Profile   My Hometown   Local Foods   Tourist Destinations



**Hello, I'm Juang Maulana**

Informatics Engineering Student at Institut Teknologi Sepuluh Nopember

### 3. Profile

```
<p class="headerss"> Get to know me</p>
<div class="profile">
    <p>
        I'm a 5th-semester Informatics Engineering student at Institut Teknologi Sepuluh Nopember. As I explore the world of web development, I'm passionate about learning new technologies and improving my skills every day.
        I'm eager to grow, build meaningful projects, and contribute to innovative solutions in the tech field.
        I like playing video games, any kind of FPS and MOBA games, like Valorant, Mobile Legends and DOTA. I was born in December 14th, 2003.
        I currently live in Jakarta, which I mostly spend my life at.
        I bring a strong analytical mindset, attention to detail, and a love for tackling complex challenges.
        With a growing skill set in web technologies, I'm dedicated to continuous learning and creating efficient, scalable solutions that make a real impact.
    </p>
</div>

<br>

<p class="headerss"> Educational Background </p>
<div class="educational-background">
    <div class="entry">
        
        <p>Institut Teknologi Sepuluh Nopember</p>
        <p>Bachelor of Informatics Engineering</p>
        <p>2023-now</p>
    </div>
    <div class="entry">
        
        <p>SMA Negeri 1 Krian</p>
        <p>Science / MIPA</p>
        <p>2019–2022</p>
    </div>
</div>
```

```
.headerss {
    font-size: 50px;
    font-weight: bold;
    margin-left: 50px;
    margin-top: 0;
    margin-bottom: 10px;
}

.profile {
    margin-left: 50px;
    margin-right: 50px;
    text-align: justify;
    font-size: 20px;
    margin-top: 10px;
    margin-bottom: 40px;
}
```

```
.educational-background {
    margin-left:50px;
    margin-right:50px;
    margin-bottom: 40px;
    margin-top: 40px;
    font-size:20px;
    display: flex;
    justify-content: center;
    align-items: flex-start;
    gap: 250px;
    text-align: center;
}

.entry {
    display: flex;
    flex-direction: column;
    align-items: center;
}

.entry img {
    max-width: 150px;
    height: auto;
}

.entry p {
    margin: 5px 0;
}
```

Add headers

Add description text beside

Add margins to tidy it up and add justify alignment

Insert picture as flex, so it goes align with the text below Tidy  
the picture by setting margins and set up the max size

Final Design :

## Get to know me

I'm a 5th-semester Informatics Engineering student at Institut Teknologi Sepuluh Nopember. As I explore the world of web development, I'm passionate about learning new technologies and improving my skills every day. I'm eager to grow, build meaningful projects, and contribute to innovative solutions in the tech field. I like playing video games, any kind of FPS and MOBA games, like Valorant, Mobile Legends and DOTA. I was born in December 14th, 2003. I currently live in Jakarta, which I mostly spend my life at. I bring a strong analytical mindset, attention to detail, and a love for tackling complex challenges. With a growing skill set in web technologies, I'm dedicated to continuous learning and creating efficient, scalable solutions that make a real impact.

## Educational Background



Institut Teknologi Sepuluh Nopember  
Bachelor of Informatics Engineering  
2023-now



SMA Negeri 1 Krian  
Science / MIPA  
2019-2022

## 4. Food

```
<br>
<p class="headerss"> Local Foods </p>
<div class="food-text food-grid">
    <div class="food-item">
        <h1> Kerak Telor </h1>
        
        <p>
            Often called the "Betawi omelette," Kerak Telor is a legendary snack from Jakarta.
            It's made from sticky rice cooked with chicken or duck eggs, then topped with fried shallots, shredded coconut, and dried shrimp.
            Cooked over charcoal, it has a unique crispy texture and a savory, slightly sweet flavor that truly represents Jakarta's culinary heritage.
        </p>
    </div>
    <div class="food-item">
        <h1> Soto Betawi </h1>
        
        <p>
            Soto Betawi is a rich and creamy beef soup, and a true comfort food for Jakartans.
            Unlike other Indonesian sotos, its broth is made with coconut milk (or sometimes fresh milk), giving it a distinctive, hearty flavor.
            It's filled with chunks of beef, offal, potatoes, and tomatoes, and usually served with rice, pickles, and a dash of lime.
        </p>
    </div>
    <div class="food-item">
        <h1> Gado-Gado </h1>
        
        <p>
```

```

Gado-gado is an Indonesian salad of steamed vegetables, hard-boiled eggs,
tofu, tempeh, and lontong (rice cakes), all drenched in a flavorful peanut sauce dressing.
While found across Indonesia, the Jakarta version is famous for its
perfectly balanced sweet, savory, and slightly spicy sauce, making it a healthy and
delicious meal.

</p>
</div>
</div>
<br><br>
```

```

.food-text {
    margin-left: 50px;
    margin-right: 50px;
}

.food-text img {
    max-height: 350px;
    max-width: auto;
    margin-left: auto;
    margin-right: auto;
    display: block;
    margin-bottom: 60px;
    transition: transform 0.3s ease-in-out
}

.food-text img:hover{
    transform: scale(1.05);
}

.food-text p {
    text-align: justify;
}
```

Add headers and description  
Add margins and max size  
Add hover effect, enlarge it by a bit  
Add transition time to make it smoother

Final Design :

## Local Foods

**Kerak Telor****Soto Betawi****Gado-Gado**

Often called the "Betawi omelette," Kerak Telor is a legendary snack from Jakarta. It's made from sticky rice cooked with chicken or duck eggs, then topped with fried shallots, shredded coconut, and dried shrimp. Cooked over charcoal, it has a unique crispy texture and a savory, slightly sweet flavor that truly represents Jakarta's culinary heritage.

Soto Betawi is a rich and creamy beef soup, and a true comfort food for Jakartans. Unlike other Indonesian sotos, its broth is made with coconut milk (or sometimes fresh milk), giving it a distinctive, hearty flavor. It's filled with chunks of beef, offal, potatoes, and tomatoes, and usually served with rice, pickles, and a dash of lime.

Gado-gado is an Indonesian salad of steamed vegetables, hard-boiled eggs, tofu, tempeh, and lontong (rice cakes), all drenched in a flavorful peanut sauce dressing. While found across Indonesia, the Jakarta version is famous for its perfectly balanced sweet, savory, and slightly spicy sauce, making it a healthy and delicious meal.

## 5. Hometown

```
<p class="headerss"> Jakarta </p>
<div class="hometown">
    
    <p>
        Jakarta is a huge metropolis located on the northwest coast of Java, serving as the heart of Indonesia.
        It's known for its incredible energy and as a melting pot of the nation's diverse cultures. The city's atmosphere is fast-paced and vibrant, a true concrete jungle with a mix of modern skyscrapers and historical landmarks. One of its most charming areas is Kota Tua, the old Dutch colonial quarter, which offers a nostalgic vibe with its classic architecture and museums.
        For a taste of modern life, the city is packed with world-class shopping malls like Grand Indonesia and Senayan City, which are destinations in themselves.
        The culinary scene is incredible, ranging from street food vendors in areas like Jalan Sabang to upscale dining experiences.
        With its blend of business districts, entertainment hubs, and pockets of rich history, Jakarta is a city of endless discovery.
        Though known for its traffic, it's a place of opportunity and excitement, offering everything a person could need. It's a city that never sleeps, where the energy of millions creates a dynamic and unforgettable living experience.
    </p>
</div>
```

```
.hometown {
    display: flex;
    align-items: center;
    margin-left: 50px;
    margin-right: 50px;
    text-align: justify;
}

.hometown img{
    max-width: 50%;
```

```
    max-height: 450px;
    margin-right: 35px;
}

.hometown p{
    font-size: 17px;
}
```

Add images and text

Edit it as flex

Add margins and set font size

Align it as justify

Final Design :

Home My Profile My Hometown Local Foods Tourist Destinations

# Jakarta



Jakarta is a huge metropolis located on the northwest coast of Java, serving as the heart of Indonesia. It's known for its incredible energy and as a melting pot of the nation's diverse cultures. The city's atmosphere is fast-paced and vibrant, a true concrete jungle with a mix of modern skyscrapers and historical landmarks. One of its most charming areas is Kota Tua, the old Dutch colonial quarter, which offers a nostalgic vibe with its classic architecture and museums. For a taste of modern life, the city is packed with world-class shopping malls like Grand Indonesia and Senayan City, which are destinations in themselves. The culinary scene is incredible, ranging from street food vendors in areas like Jalan Sabang to upscale dining experiences. With its blend of business districts, entertainment hubs, and pockets of rich history, Jakarta is a city of endless discovery. Though known for its traffic, it's a place of opportunity and excitement, offering everything a person could need. It's a city that never sleeps, where the energy of millions creates a dynamic and unforgettable living experience.

## 6. Tourist Destination

```
<p class="headerss"> Tourist Destination </p>

<p clas<div class="container">
    <div class="wrapper">
        <div class="wrapper-holder">
            <div id="slider-img-1"></div>
            <div id="slider-img-2"></div>
            <div id="slider-img-3"></div>
            <div id="slider-img-4"></div>
        </div>
    </div>

    <div class="button-container">
        <a href="#slider-img-1" class="button"></a>
        <a href="#slider-img-2" class="button"></a>
        <a href="#slider-img-3" class="button"></a>
        <a href="#slider-img-4" class="button"></a>
    </div>
</div>
<div class="tourist-text">
    <h1> Kraton Kasunanan Surakarta </h1>
    <p> Kraton Kasunanan Surakarta is like stepping into a piece of living history. It's the royal palace where Javanese culture and tradition live on. You can wander around the beautiful architecture, soak in the serenity of the palace grounds, and get a sense of how the royal family lived. Plus, the traditional ceremonies that still take place here are a must-see if you're lucky to catch one! </p>
    <h1> Pura Mangkunegaran </h1>
    <p> Pura Mangkunegaran feels like a hidden gem in the heart of Solo. It's smaller than the Kraton, but don't let that fool you—it's just as impressive. This beautiful palace is a blend of Javanese and European styles, which makes the architecture so unique. You can take a guided tour to learn about the royal family who still lives here or just stroll around the peaceful gardens. It's a quiet, serene place where you can really take a break from the bustling city and feel the old-world charm of Solo. </p>
    <h1> Solo Safari </h1>
    <p> Solo Safari is perfect if you want to mix nature with a bit of fun. It's a family-friendly spot where you can get up close with animals. The cool part? They really focus on conservation here, so it feels good to know you're supporting a place that cares about the animal welfare. You can also take a safari ride to see the wildlife in a more natural setting, which is a great way to spend a relaxed day outdoors without leaving the city. </p>
    <h1> Sangiran Museum </h1>
    <p> Sangiran Museum is a bit of a time machine. It's one of the most important prehistoric sites in the world, and the museum here is packed with fascinating exhibits. The exhibits are really well done, giving you a peek into what life was like way, way back. Even if you're not a history buff, it's hard not to be fascinated by the ancient discoveries that put this little spot in Solo on the map. </p>
    <div>
        <h1> The base of the monument houses a museum displaying dioramas of Indonesian history. </h1>
        <p> The base of the monument houses a museum displaying dioramas of Indonesian history. </p>
        <h1> Kota Tua (Old Town) </h1>
        <p> Kota Tua, the "Old Town" of Jakarta, is a historic district that was once the heart of the Dutch colonial empire in Asia. Today, you can walk or bike around Fatahillah Square, surrounded by beautifully preserved colonial-era buildings that now serve as museums, cafes, and art galleries. It's a perfect place to step back in time and experience the city's rich history. </p>
        <h1> Ancol Dreamland </h1>
        <p> Ancol Dreamland is a massive integrated resort and amusement park located on Jakarta's waterfront. It's the city's premier destination for family fun and recreation. Ancol features Dunia Fantasi (Dufan) theme park, Sea World, Atlantis Water Adventure, beaches, a marina, and an art market (Pasar Seni). </p>
    </div>
</div>
```

```

        It's the perfect escape from the city's hustle and bustle.
    </p>

    <h1> Istiqlal Mosque </h1>
    <p>
        Istiqlal Mosque is the largest mosque in Southeast Asia and a stunning
        architectural marvel.
        Its name, "Istiqlal," is Arabic for "independence," commemorating Indonesia's
        freedom.
        The mosque stands as a powerful symbol of religious tolerance, located
        directly across from the Jakarta Cathedral.
        Its vast prayer hall, minimalist design, and massive dome are truly awe-
        inspiring, welcoming visitors from all faiths to appreciate its serene and grand
        atmosphere.
    </p>
</div>

<br>
<br>
```

```

.container {
    position: relative;
}

.container .wrapper {
    width: 800px;
    height: 500px;
    box-shadow: 0px 0px 20px 5px #f1f1f199;
    margin: 80px auto;
    overflow: hidden;
}

.container .wrapper-holder {
    display: grid;
    grid-template-columns: repeat(4, 100%);
    height: 100%;
    width: 100%;
    animation: slider 20s ease-in-out infinite alternate;
}

.container #slider-img-1 {
    background-image:url(images/monas.jpg);
    background-position: center;
    background-size: cover;
}

.container #slider-img-2 {
    background-image:url(images/kota-tua.jpg);
    background-position: center;
    background-size: cover;
}

.container #slider-img-3 {
    background-image: url(images/ancol.jpg);
    background-position: center;
    background-size: cover;
```

```
}

.container #slider-img-4 {
    background-image: url(images/istiqlal.jpg);
    background-position: center;
    background-size: cover;
}

.container .button-container .button {
    background-color: white;
    width: 15px;
    height: 15px;
    border-radius: 10px;
    display: inline-block;
    margin: 5px;
    transition: 0.3s;
}

.container .button-container .button:hover {
    background-color:#ccc;
}

.container .button-container {
    position: absolute;
    left: 45%;
    bottom: 0%;
}

.tourist-text {
    margin-left: 50px;
    margin-right: 50px;
    text-align: justify;
}
```

Add containers to hold images

Set the containers background to desired images

Add glow effect using box-shadow

Display as grid so that it is going horizontally to the right

Set overflow hidden to hide the other 3 images

Add button to ref to the other images

Add text description with headers and paragraph

Add margins

Final Design :

Home My Profile My Hometown Local Foods Tourist Destinations

## Tourist Destinations



The image shows the National Monument (Monas) in Jakarta, Indonesia. The monument is a tall, cylindrical structure with a flag flying from the top. It is surrounded by a large open square. The sky is filled with dramatic, colorful clouds at sunset, with shades of orange, red, and purple. In the foreground, there are some low walls and a paved area. Below the main image, there is a horizontal navigation bar with four small white dots.



### National Monument (Monas)

The National Monument, or Monas, is the most iconic landmark of Jakarta, standing 132 meters tall in the center of Merdeka Square. It symbolizes the fight for Indonesia's independence. Visitors can take an elevator to the observation deck at the top for a stunning 360-degree view of the city skyline. The base of the monument houses a museum displaying dioramas of Indonesian history.

### Kota Tua (Old Town)

Kota Tua, the "Old Town" of Jakarta, is a historic district that was once the heart of the Dutch colonial empire in Asia. Today, you can walk or bike around Fatahillah Square, surrounded by beautifully preserved colonial-era buildings that now serve as museums, cafes, and art galleries. It's a perfect place to step back in time and experience the city's rich history.

### Ancol Dreamland

Ancol Dreamland is a massive integrated resort and amusement park located on Jakarta's waterfront. It's the city's premier destination for family fun and recreation. Ancol features Dunia Fantasi (Dufan) theme park, Sea World, Atlantis Water Adventure, beaches, a marina, and an art market (Pasar Seni). It's the perfect escape from the city's hustle and bustle.

### Istiqlal Mosque

Istiqlal Mosque is the largest mosque in Southeast Asia and a stunning architectural marvel. Its name, "Istiqlal," is Arabic for "independence," commemorating Indonesia's freedom. The mosque stands as a powerful symbol of religious tolerance, located directly across from the Jakarta Cathedral. Its vast prayer hall, minimalist design, and massive dome are truly awe-inspiring, welcoming visitors from all faiths to appreciate its serene and grand atmosphere.

## Conclusion:

This project successfully demonstrates the creation of a comprehensive personal portfolio website using fundamental web development technologies. The website is structured into five distinct sections: Home, My Profile, My Hometown, Local Foods, and Tourist Destinations, each contained in its own HTML file.

Key accomplishments of the project include:

- **Structured Content:** The website presents a clean and organized layout, detailing personal information, educational background, and features of Jakarta, including its culinary scene and popular landmarks.
- **Styling and Design:** A consistent and modern dark theme is applied across the site using CSS. The styling includes responsive design elements to adapt to different screen sizes, custom fonts, and interactive hover effects on navigation links and images.
- **Dynamic and Interactive Elements:**
  - The homepage features an animated "typewriter" effect for the main heading, created with CSS keyframes.
  - The "Tourist Destinations" page includes an automated image slider with manual navigation buttons, implemented using JavaScript to enhance user engagement.
- **Use of Technologies:** The project effectively integrates HTML for structure, CSS for styling and animations, and JavaScript for interactive functionalities, showcasing a solid understanding of front-end web development principles.

Overall, the project successfully fulfills the requirements of a personal portfolio website by combining well-structured content with an appealing design and interactive features.

## Declaration

"By the name of Allah (God) Almighty, I hereby Pledge and declare that I have Completed Quiz 1 independently. I have not engaged in Cheating, Plagiarism, or received Unauthorized assistance in any form. I further declare that any use of AI tools was limited to as a supportive role (such as for grammar checking or debugging), and that the Final Solution is the Product of my own intellectual effort. I Understand that I will accept all consequences if I am found to have violated this academic integrity Pledge."

Surabaya, 29 September 2025

CS Juang Maulana Toruna Putra  
S625231257