

Teknologi Baru dan Inovasi Sistem

Meeting #3

Prof. Dr. Ridwan Sanjaya

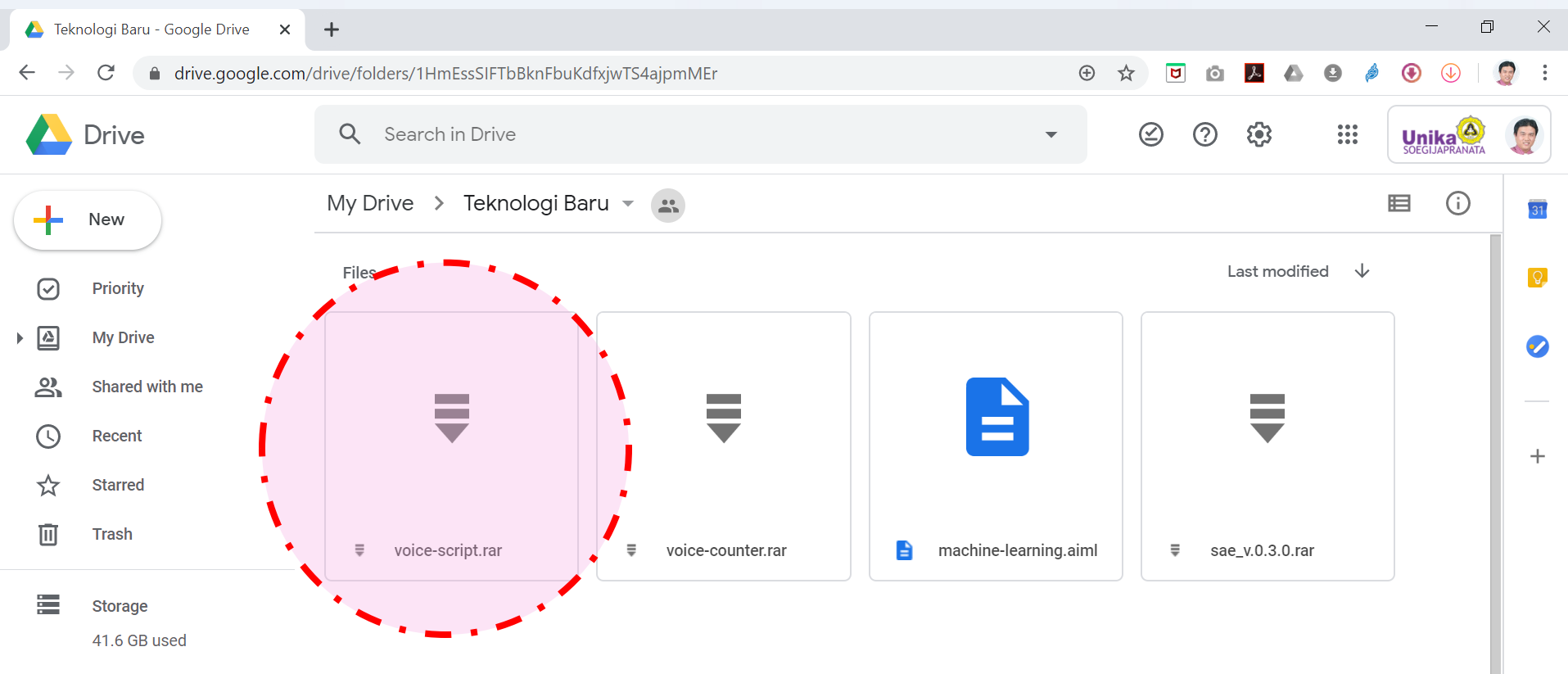
Andre Kurniawan Pamudji, S.Kom, M.Ling

Agenda

1. Program-O dan AIML Dasar
2. AIML Tingkat Lanjut
3. Penggunaan Voice API
4. Aplikasi dengan MIT App Inventor
5. LINE Bot
6. WhatsApp Bot
7. Smart Speaker

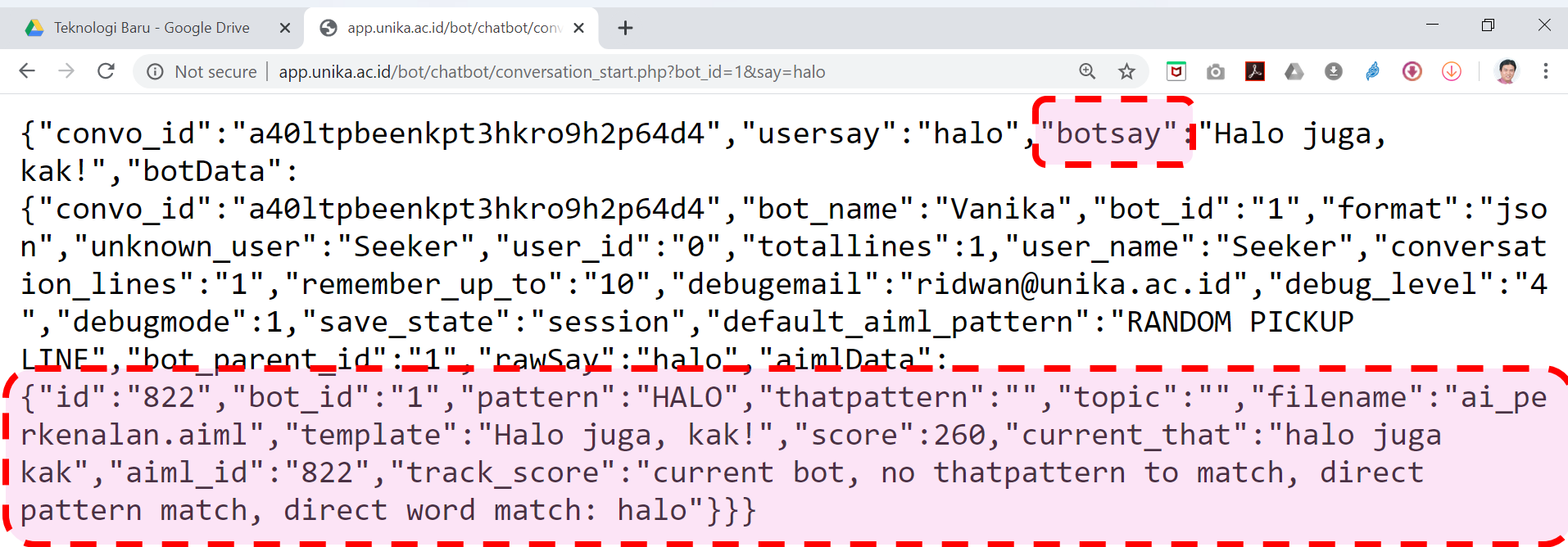
Voice API

- <http://bit.ly/TeknologiBaru>
- voice-script.rar



Percobaan Pertama

- http://app.unika.ac.id/bot/chatbot/conversation_start.php?bot_id=1&convo_id=&say=halo

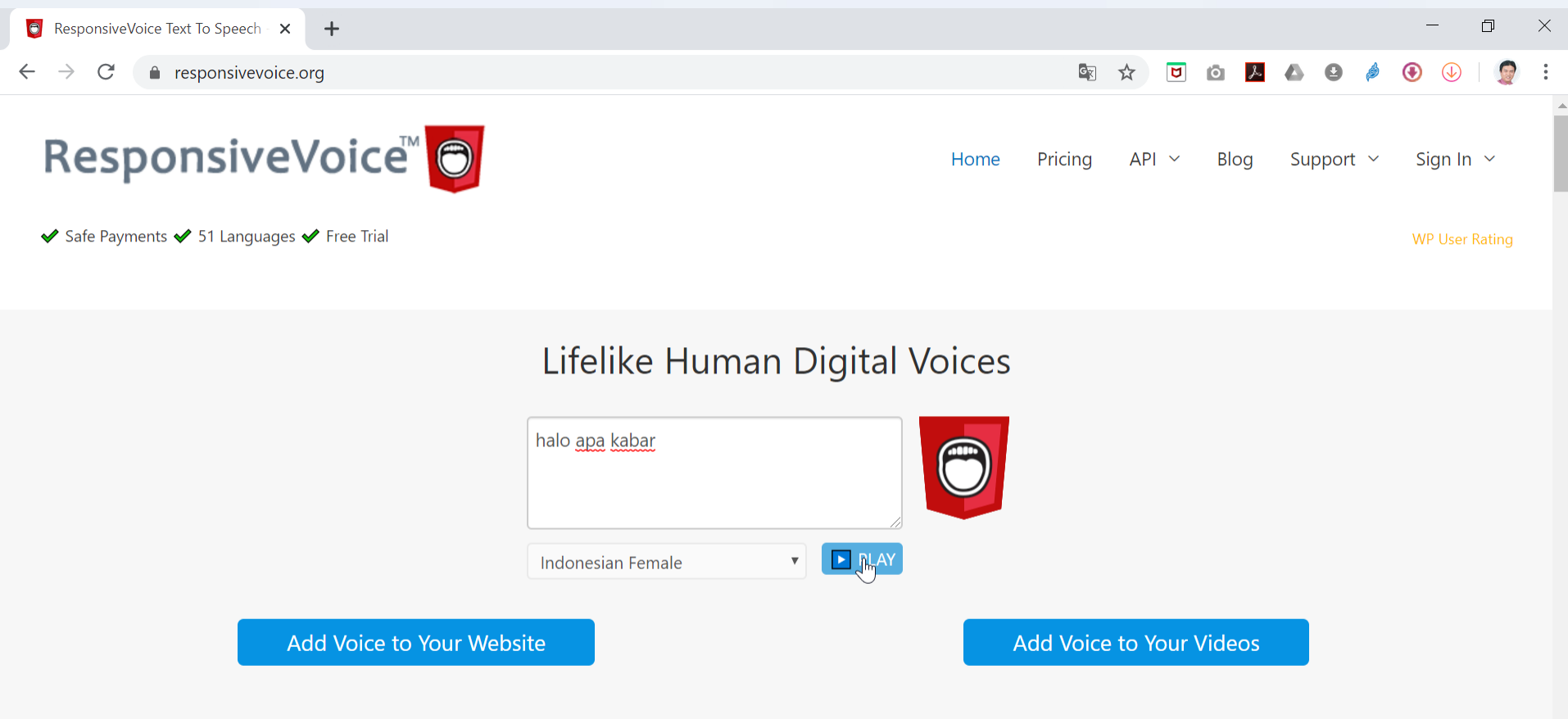


The screenshot shows a web browser window with the address bar displaying the URL: `app.unika.ac.id/bot/chatbot/conversation_start.php?bot_id=1&say=halo`. The browser's address bar also shows "Not secure". The main content area of the browser displays a JSON response from the chatbot. The response is a JSON object with several fields. The `"botsay"` field is highlighted with a red dashed box and contains the text "Halo juga, kak!". The `"botData"` field contains another JSON object with various metadata. The `"aimlData"` field is also highlighted with a red dashed box and contains a JSON array of objects, each representing a match in the chatbot's database. The first object in the array has an `"id"` of "822", a `"bot_id"` of "1", a `"pattern"` of "HALO", and a `"template"` of "Halo juga, kak!".

```
{
  "convo_id": "a401tpbeenkpt3hkro9h2p64d4",
  "usersay": "halo",
  "botsay": "Halo juga, kak!",
  "botData": {
    "convo_id": "a401tpbeenkpt3hkro9h2p64d4",
    "bot_name": "Vanika",
    "bot_id": "1",
    "format": "json",
    "unknown_user": "Seeker",
    "user_id": "0",
    "totallines": 1,
    "user_name": "Seeker",
    "conversation_lines": "1",
    "remember_up_to": "10",
    "debugemail": "ridwan@unika.ac.id",
    "debug_level": "4",
    "debugmode": 1,
    "save_state": "session",
    "default_aiml_pattern": "RANDOM PICKUP LINE",
    "bot_parent_id": "1",
    "rawSay": "halo",
    "aimlData": [
      {
        "id": "822",
        "bot_id": "1",
        "pattern": "HALO",
        "thatpattern": "",
        "topic": "",
        "filename": "ai_perkenalan.aiml",
        "template": "Halo juga, kak!",
        "score": 260,
        "current_that": "halo juga kak",
        "aiml_id": "822",
        "track_score": "current bot, no thatpattern to match, direct pattern match, direct word match: halo"
      }
    ]
  }
}
```

Voice API

- <https://responsivevoice.org/>



The screenshot shows the ResponsiveVoice website interface. At the top, there's a navigation bar with links for Home, Pricing, API, Blog, Support, and Sign In. Below the navigation bar, there's a section titled "Lifelike Human Digital Voices". In the center, there's a text input field containing the text "halo apa kabar". To the right of the input field is a red shield icon with a white mouth. Below the input field, there's a dropdown menu showing "Indonesian Female" and a blue "PLAY" button with a play icon. At the bottom, there are two blue buttons: "Add Voice to Your Website" and "Add Voice to Your Videos".

ResponsiveVoice™

Home Pricing API Blog Support Sign In

✓ Safe Payments ✓ 51 Languages ✓ Free Trial WP User Rating

Lifelike Human Digital Voices

halo apa kabar

Indonesian Female


PLAY

Add Voice to Your Website Add Voice to Your Videos

Masukkan Email

Register - ResponsiveVoice.JS Text +

responsivevoice.org/register/?utm_campaign=rvorg_link&utm_source=responsivevoice-org&utm_term=herocta

ResponsiveVoice™ 


Make your website speak

EMAIL ADDRESS

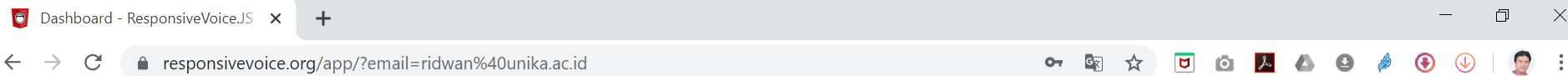
ridwan@unika.ac.id

Try it for free

Already have an account? [Sign in now.](#)



Aktifkan Text to Speak



Step 1: Select the voice features you want on your site, or use the [api](#).

Step 2: Click **Create Page Code** button and copy the Code.

Step 3: To get started with ResponsiveVoice add this Code to your site.

☐ Page welcome message ?

☒ Select text to speak it ?

☐ Spoken page links ?

☐ Speak message after 30 seconds of inactivity Unlock ?

☐ Speak message when user scroll to the end of the page Unlock ?

☐ Spoken message on exit intent Unlock ?

☐ Speak interactive elements using the Tab key Unlock ?

☐ Speak paragraph using CTRL-UP and CTRL-DOWN keys Unlock ?

Feedback

Bahasa dan Dapatkan Kode

Dashboard - ResponsiveVoice.JS x +

responsivevoice.org/app/?email=ridwan%40unika.ac.id

Voice:

Indonesian Female

Create your Account

Email: ridwan@unika.ac.id

Full Name:

Ridwan Sanjaya

Password:

.....

Get Your Code

Feedback

Masukkan Kode ke Script

Dashboard - ResponsiveVoice.JS x +

responsivevoice.org/app/?email=ridwan%40unika.ac.id

Select text to speak it

Spoken page links

Speak message after 30 seconds of inactivity

Speak message when user scroll to the end of the page

Spoken message on exit intent

Speak interactive elements using the T

Speak paragraph using CTRL-UP and

Unlock ?

Unlock ?

Unlock ?

Unlock ?

Unlock ?

Unlock ?

Feedback

⚠ Your site is not verified yet.

Insert this code in your web page before the end `</body>` tag:

```
<script src="https://code.responsivevoice.org/responsivevoice.js?key=3XSc6fPC"></script>
```

Copy

Voice:

My Profile 1 (Indonesian Female)

⚠ Add a site URL

Your site code

Key: 3XSc6fPC

1 Insert this code in your web page before the end `</body>` tag:

```
<script src="https://code.responsivevoice.org/responsivevoice.js?key=3XSc6fPC"></script>
```

Copy

Salin Kode JavaScript

contoh1.php - Notepad
File Edit Format View Help

```
<body>  
  <script src="https://code.responsivevoice.org/responsivevoice.js?key=3XSc6fPC"></script>  
  
  <br>  
  <label>Tuliskan percakapan:</label>  
  
  <form method="POST" action=''>  
    <input type='text' name='say' autofocus><br>  
    <input type='submit' value='Kirim' name='submit' class='button'>  
  </form>  
  <p>  
    <?php  
      echo $answer;  
    ?>  
  </p>  
  
  <div class="inline">  
    <div style="display: none;" id="waitingdiv">
```

Voice = \$answer

contoh1.php - Notepad
File Edit Format View Help

```
<?php
    $answer = 'Halo. Ada yang bisa saya bantu?';

    if(isset($_POST['submit'])) {
        $answer = $_POST['say'];
    }
?>
```

```
<html>
    <head>
        <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
        <title>Chatbot with Voice Answer</title>
        <script type="text/javascript" src="js/jquery-2.js"></script>
        <script>
            var windowReady = false;
            var voiceReady = false;

            var defaultparams =
            {
                rate: 1,
                pitch: 1
```

Menggunakan Program-O

contoh2.php - Notepad
File Edit Format View Help

```
<?php
    $answer = 'Halo. Ada yang bisa saya bantu?';

    if(isset($_POST['submit']))
    {
        $say = rawurlencode($_POST['say']);
        $json = file_get_contents
("http://app.unika.ac.id/bot/chatbot/conversation_start.php?bot_id=1&say=".$say."");
        $json_data = json_decode($json);
        $answer = $json_data->botsay;
    }
?>
```

```
<html>
<head>
    <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
    <title>Chatbot with Voice Answer</title>
    <script type="text/javascript" src="js/jquery-2.js"></script>
    <script>
        var windowReady = false;
```

Eksekusi Script w/ Voice



Teknologi Baru - Google Drive




Chatbot with Voice Answer



localhost/voice-script/contoh2.php

Tuliskan percakapan:

Kirim

Halo juga, kak! 

Memproses Jawaban.....

UPDATE MATERI

Langkah-Langkah

- Akses <http://bit.ly/TeknologiBaru>
- Unduh avatar1.zip dan avatar2.zip
- Modifikasi index.php sesuai dengan URL Program-O
- Unggah ke server web

Avatar 1

- <https://sovilau.com/avatar/>



Tuliskan percakapan:

Kirim

Halo. Ada yang bisa saya bantu?



Mengganti Karakter

- Akses <https://www.botlibre.com/avatar?category=People>































Browse Avatars - Bot Libre


botlibre.com/browse?browse-type=Avatar&browse=true

Bot Libre Upgrade onlyridwan Blog Search Help Language More

Search My Avatars New Avatar New Link Import Request Custom Avatar

Featured Avatars

									
Victoria Business	Julie 3	HP Android	Eddie Tech	Ella Business	Cindy Face	Sandy 3	Jenny	Julie Sport Full	Hayley Full
									
Julie Beach Scene	Michael 7	Katie 4	Julie Sport	Wendy	Julie Dress HD	Doll Business	Julie School Full	Michael L	Victoria Tank HD
									
Julie Formal	Julie HD	Smiley	Eddie	Victoria 8 HD	Julie 4	May Lin Full	Eddie Business	Selma	May Lin Dress HD



Membuka Script

- Pilih avatar yang akan digunakan
- Klik Embed

The screenshot shows a web browser window with the address bar displaying `botlibre.com/avatar?id=12661527`. The page title is "May Lin - Bot Libre". The main content area features the name "May Lin" in large blue text. Below it, there are tabs for "Info", "Details", and "Stats". The "Info" tab is selected, showing a description: "May Lin is a 3D animated video avatar of an Asian woman." Below the description, there is an "Alias" field with the value "@May Lin", a "Categories" field with the value "3D, Video, People, Female, Webm, MP4, May Lin", and a "Tags" field with the value "3d, video, face, emotions, webm, woman, mp4, asian, may lin". A "Content Rating" field shows "Everyone". To the right of the text is a 3D avatar of a woman with dark hair and a colorful top. At the bottom left, there is a blue circle around an orange "Embed" button. Below the "Embed" button, there are social media sharing icons (Facebook, Twitter, Print, Email, and a generic share icon) and a rating section showing 4 likes, 1 dislike, and a 4.4/5 star rating.

May Lin - Bot Libre

botlibre.com/avatar?id=12661527

Bot Libre Upgrade

onlyridwan Blog Search Help Language More

Browse : 3D : Webm : MP4 : May Lin

May Lin

Info Details Stats

May Lin is a 3D animated video avatar of an Asian woman.

Alias: @May Lin

Categories: [3D](#), [Video](#), [People](#), [Female](#), [Webm](#), [MP4](#), [May Lin](#)

Tags: [3d](#), [video](#), [face](#), [emotions](#), [webm](#), [woman](#), [mp4](#), [asian](#), [may lin](#)

Content Rating: Everyone

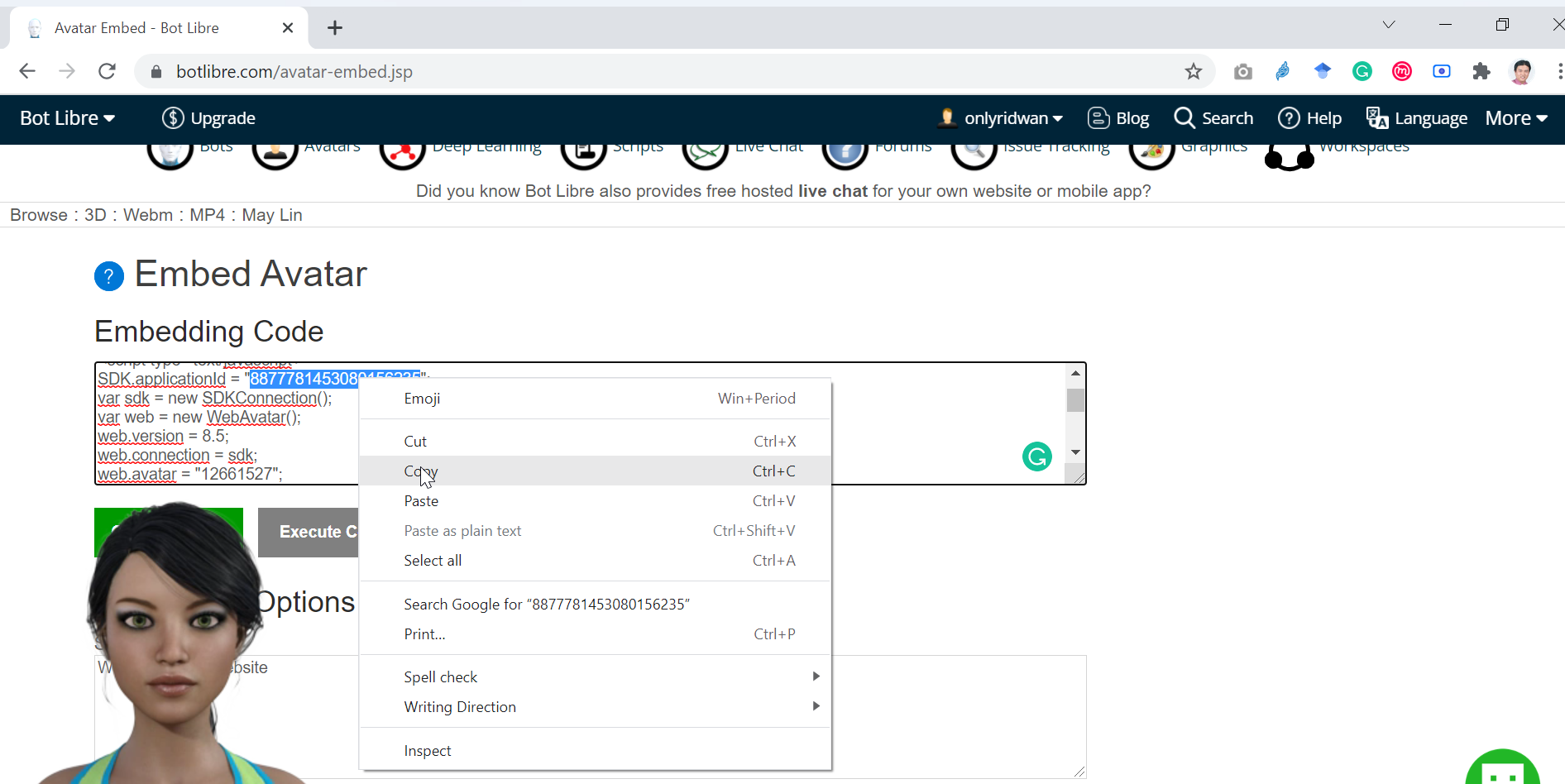
Embed

4.4/5

f t p e +

Menggunakan 2 isian

- Copy isian SDK.applicationId dan web.avatar dan Paste ke dalam kode di index.php dari Avatar 1



Avatar Embed - Bot Libre

botlibre.com/avatar-embed.jsp

Bot Libre Upgrade

onlyridwan Blog Search Help Language More

Did you know Bot Libre also provides free hosted live chat for your own website or mobile app?

Browse : 3D : Webm : MP4 : May Lin

Embed Avatar

Embedding Code

```
SDK.applicationId = "8877781453080156235";  
var sdk = new SDKConnection();  
var web = new WebAvatar();  
web.version = 8.5;  
web.connection = sdk;  
web.avatar = "12661527";
```

Options

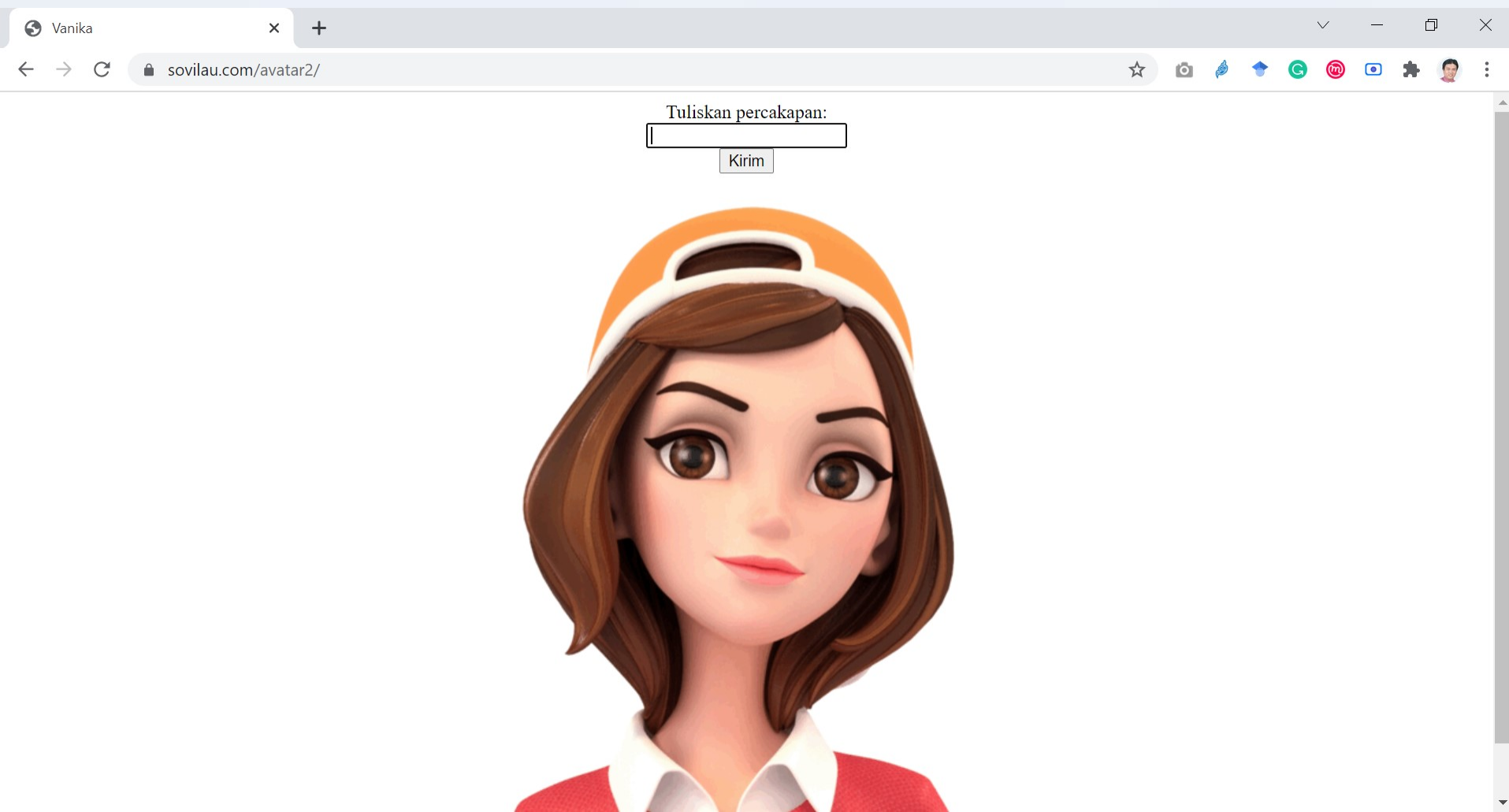
Execute C

Website

Inspect

Avatar 2

- <https://sovilau.com/avatar2/>



Tugas

- Buatlah tampilan virtual assistant seperti di bit.ly/sovilau
- Video review virtual assistant dengan lama 3-5 menit
 - Mengenalkan diri
 - Mengenal nama virtual assistant
 - Alamat virtual assistant dibuat bit.ly
 - Mendemokan kecanggihan virtual assistant
 - Gunakan tag #VirtualAssistant #SistemInformasi #TeknologiBaru
- Diunggah ke youtube
- Ditonton minimal 30 orang
- Like minimal 15 orang

Terima Kasih

ridwan@unika.ac.id