



Design Pemrograman Website

Roni Andarsyah, ST., M.Kom
Lecture Series



Material Covered

1. Perkenalan
2. Kriteria Penilaian
3. Materi yang akan di bahas di perkuliahan

Perkenalan

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Portal :

Kampus Digital Masa Gitu?

<http://roniandarsyah.poltekpos.ac.id>

1. Pendidikan

D3 – Teknik Informatika,
Poltekpos

S1 – Teknik Informatika,
ST-INTEN Bandung

S2 – Sistem Informasi,
STMIK LIKMI

2. Pengalaman Kerja

- BADAN METEOROLOGI KLIMATOLOGI DAN GEOFISIKA (BMKG) BANDUNG (Stasiun Kelas 1 Bandung).
- Sony BMG Music Entertainment (Creative / Aranger)
- Teknik Informatika – Politeknik Pos Indonesia
- Piksi Ganesha, AMIK HASS
- Ka. Humas & Rekrutmen Mahasiswa Baru – Poltekpos
- Kabag Kemahasiswaan Alumni dan Kerjasama





KRITERIA PENILAIAN

- ☐ Tugas : 30 %
- ☐ Keaktifan : 10 %
- ☐ Nilai UTS : 30 %
- ☐ Nilai UAS : 30 %
- ☐ ABSEN 4x : **E**



Materi

Pertemuan ke-	Materi
1.	<p>Layanan Internet</p> <ol style="list-style-type: none"> 1. Pengantar Web, TCP/IP, Skrip Dasar <p>Konsep Dasar Design Web</p> <ol style="list-style-type: none"> 1. Elemen ,Conten Web 2. Pre- production web 3. Production web 4. Post- production web 5. Struktur dasar HTML <p>Pengenalan HTML</p> <p>Atribut Font, img src dan lainnya.</p> <ol style="list-style-type: none"> 1. HTML /Tag HTML, Atribut & Value 2. Struktur dasar dokumen HTML 3. Title, Heading, Paragraf, Line Break , Komentar 4. Font, Images, Table, Link Adres
2.	
3.	



Materi

Pertemuan ke-	Materi
4.	Layout Website <ol style="list-style-type: none"> 1. Frame, Table 2. Form, Layout
5.	Pengenalan JavaScript <ol style="list-style-type: none"> 1. Sejarah 2. Komentar Java Script 3. Properti 4. Metode 5. Prompt
6.	JavaScript <ol style="list-style-type: none"> 1. Insert Script JavaScript (Embbded, Inline, Eksternal) 2. Variable 3. Function 4. Dialog Box 5. Prompt



Materi

Pertemuan ke-	Materi
7.	<input type="checkbox"/> Quiz
8.	UTS (Ujian Tengah Semester) HTML Konsep Website JavaScript
9.	Pengenalan PHP 1. Tag in PHP 2. Menampilkan data 3. Variable 4. Tipe Data 5. Operator
10.	Script PHP 1. Include, Requiure, Date 2. File Handling, Session, Cookies



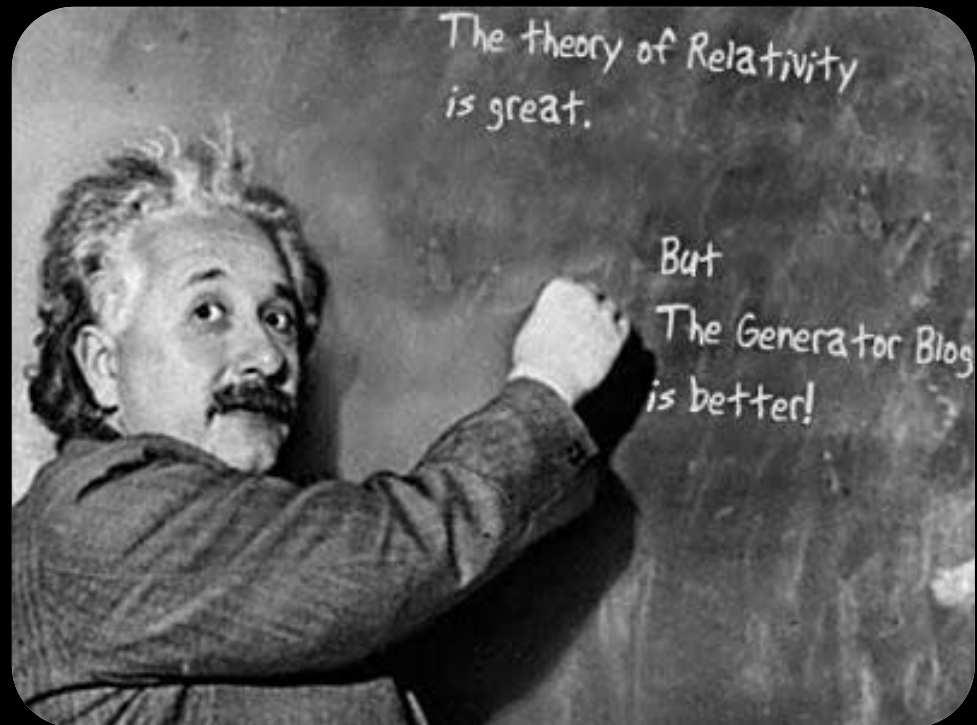
Materi

Pertemuan ke-	Materi
11.	Membuat database <ol style="list-style-type: none"> mysql_connect Membuat table Input Table
12.	Menu Dreamweaver Merubah Workspace, Definisi site Recordset / input data <ol style="list-style-type: none"> Data binding Behavior, Repeat region Status navigasi
13.	QUIS + Presentasi Tugas Besar
14.	UAS (Ujian Akhir Semester) PHP

BASIC PROGRAMING

Ilmu" pemrograman berkembang, menggantikan "seni" pemprogram atau memprogram secara coba-coba ("trial and error").

Program harus dihasilkan dari proses pemahaman permasalahan, analisis, sintesis dan dituangkan menjadi kode dalam bahasa komputer secara sistematis dan metodologis



“BELAJAR MEMPROGRAM”

“BELAJAR BAHASA PEMROGRAMAN”

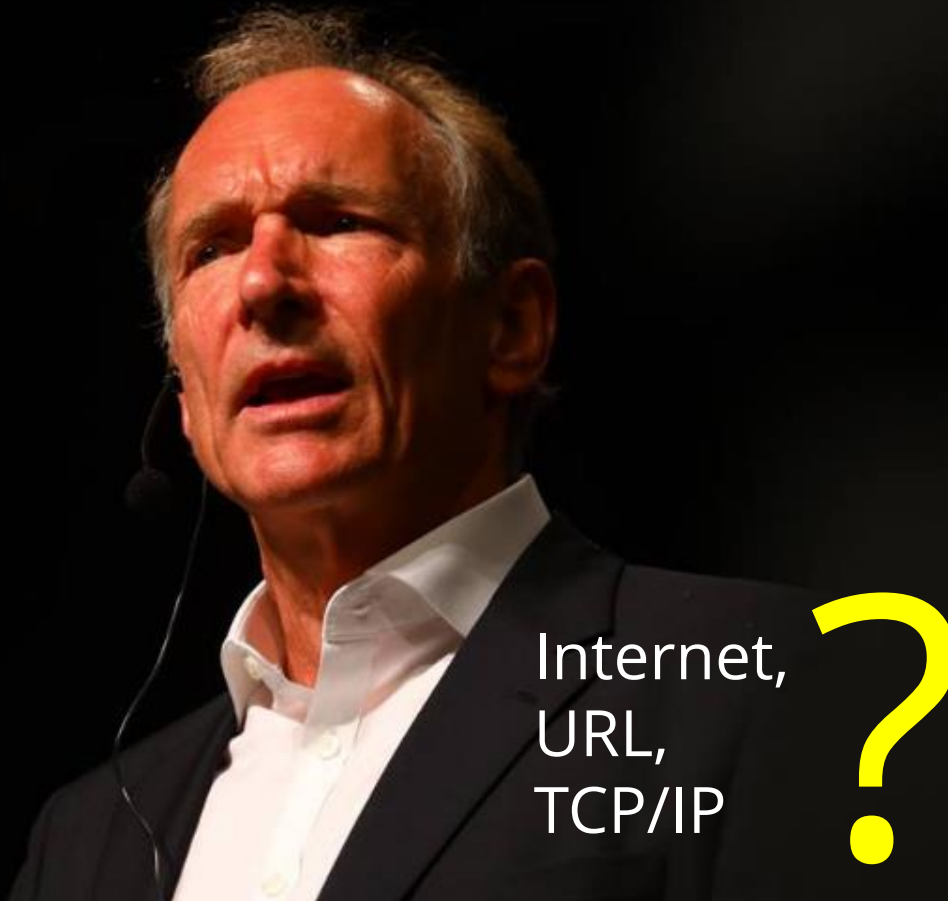
Belajar memprogram :

belajar tentang strategi pemecahan masalah, metodologi dan sistematika pemecahan masalah tersebut kemudian menuangkannya dalam suatu notasi yang disepakati bersama.

“lebih bersifat pemahaman persoalan, analisis”

Belajar bahasa pemrograman :

belajar memakai suatu bahasa, aturan sintaks (tatabahasa), setiap instruksi yang ada dan tata cara pengoperasian kompilator.



Internet,
URL,
TCP/IP

"The future of
the Web"

- *Sir Tim Berners Lee*

- | | |
|---------|----------------|
| 1. HTTP | 4. Web Browser |
| 2. HTML | 5. Web Server |
| 3. WWW | 6. Web Page |

SOME WEB BROWSER ICONS
[HTTP://S4MUEL.COM](http://s4muel.com)



Safari



Chrome



Firefox



Edge



Internet Explore



Vivaldi



Opera



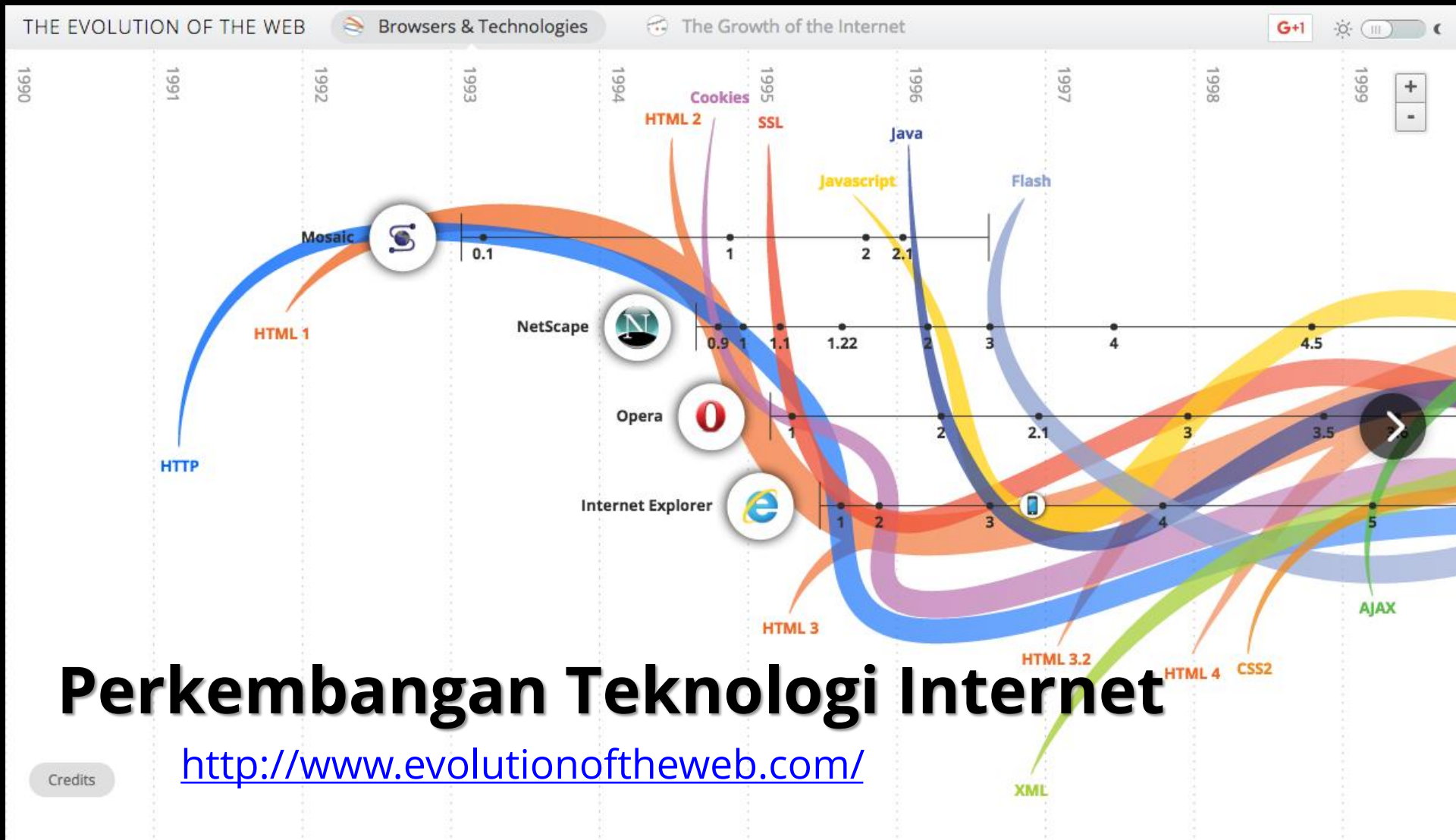
360 Browser

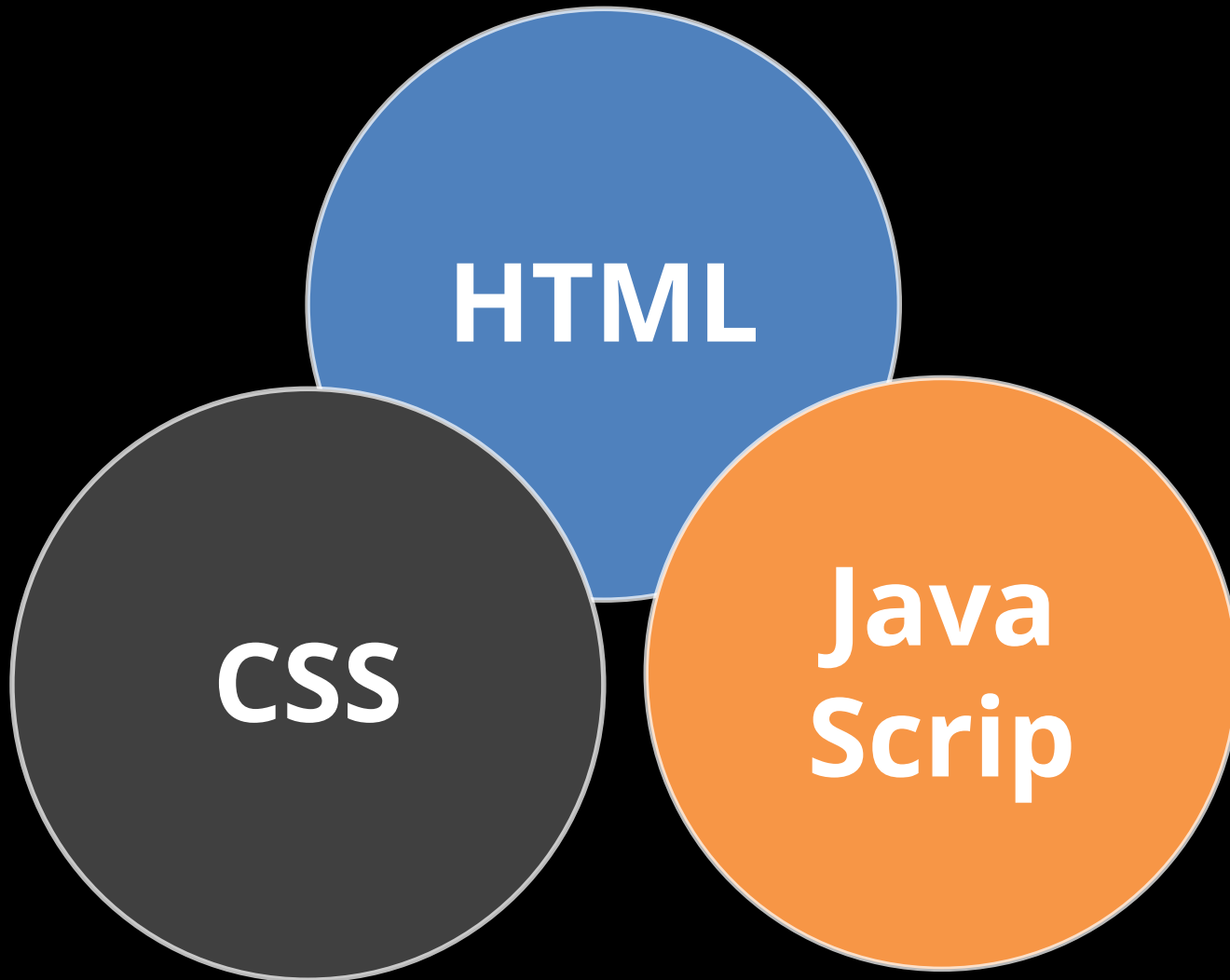


Sogou Browser



CM Browser





Kebutuhan dalam website interaktif



HTML

+



CSS
(*Cascade Style Sheet*)

+



javascript

W | [YOUR ACCOUNT](#) | [HELP](#) | [SELL YOURS](#)

WELCOME | BOOKS | MUSIC | VIDEO | TOYS & GAMES | ELECTRONICS | e-CARDS | AUCTIONS | zSHOPS

HOW TO SHOP | SELL ON AMAZON | OUR COMPANY | SELL YOURS | COMMUNITY

SEARCH

ALL PRODUCTS

Search on the Web's largest marketplace

amazon.com

Secure Shopping at Amazon.com is 100% secure—guaranteed. Already a customer? [Sign in.](#)

WELCOME

- Books**
Bestsellers, Computers, Kids, Romance...
- Music**
Top Sellers, New Releases, Recommended, Carols, Soundtracks...
- Video**
DVDs, Top Sellers, New Releases, Kids & Family...
- Electronics**
Personal, Tools, Products, Top Sellers, Computer Add-Ons...
- Toys & Games**
Toys for, Games, Games & Puzzles, Halloween, Sticks, The Great Outdoors...
- Auctions**
Tobacco, Books, Collectibles, Toys & Games...
- Free e-Cards**
Daily Cards, 15, Love, Friendship...
- zShops**
Books, Selling, Our Guarantee, Start Shopping...
- And More**
Women's Apparel, Garden & Patio, Software, Sporting...

Vote in our Millennium Poll—you could win 300 CDs, books, and videos!

In Books
Test Case



The postwar inventors of the Scholastic Aptitude Test hoped to produce a brainier breed of meritocracy in the United States. But as Nicholas Lemann reveals in *The Big Fix*, the SAT hit a great many ideological potholes—and ended up creating yet another, pencil-pushing elite. Go to [Books](#)

In zShops

Many Merchants, Fabulous Finds
Earth's Biggest Selection just got bigger! You'll discover an amazing array of products from merchants large and small, including:

- A library of literature
- Scads of sports stuff
- A cornucopia of costume jewelry

...and so much more. Go to [zShops](#)

In Toys & Games
Halloween Headquarters

- Halloween at Amazon**
There to be a T-Rex—or a hippie or a pumpkin—with the costumes and accessories for kids and adults in our [Halloween Bookings](#). You'll also find decorations, party supplies, and more. Go to [Toys & Games](#)

In Auctions
Significant Signatures

On October 20, LiveBel will broadcast a live Profile in History auction featuring hundreds of signed American treasures. [Begin now](#) and you just might end up holding one of these:

- A card signed by Marilyn Monroe and Joe DiMaggio
- A letter written aboard the Titanic
- A message penned by Thomas Jefferson

Go to [Auctions](#)



Amazon.com 100 Hot Books
Updated Hourly

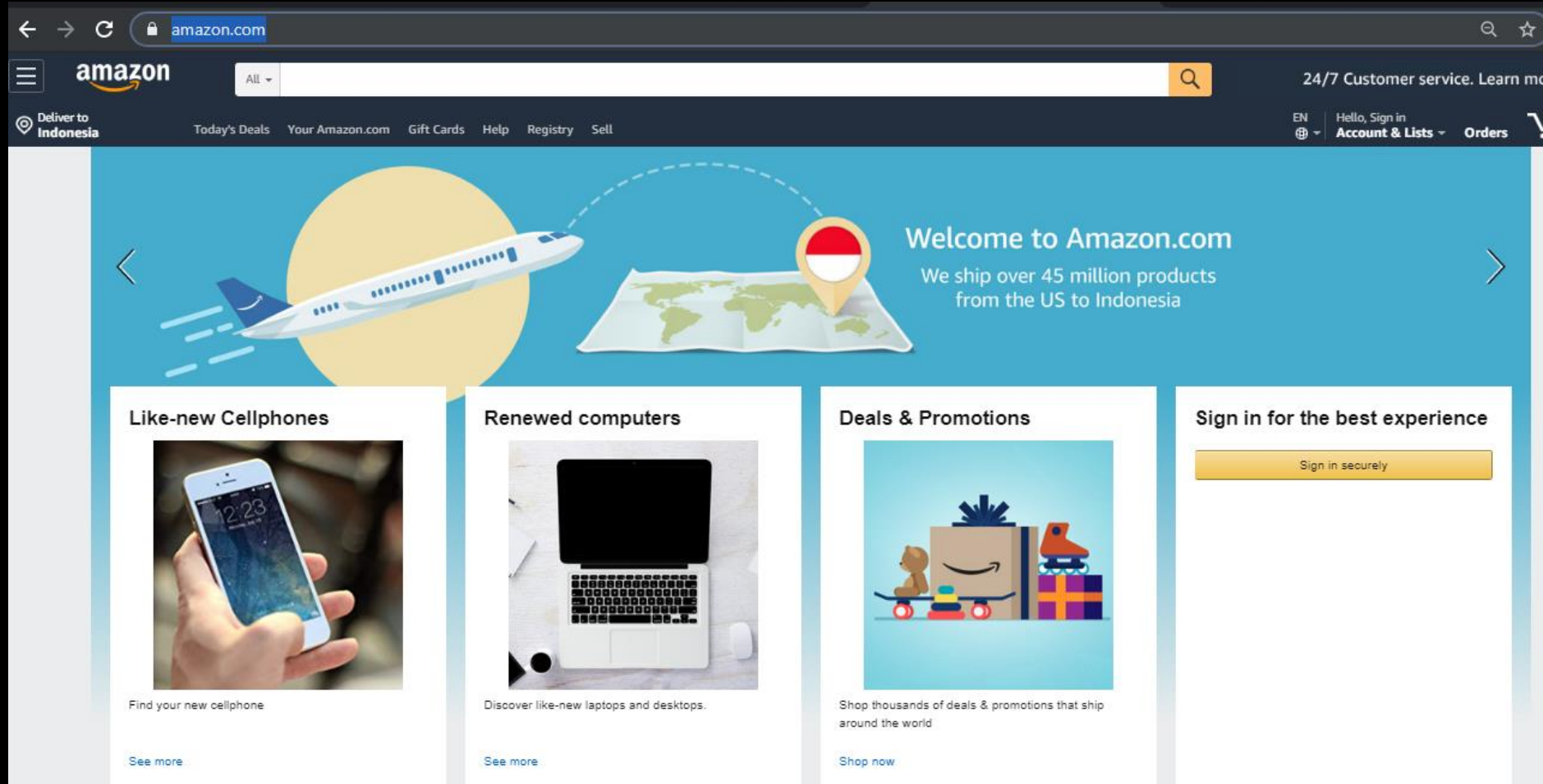
- The Carbohydrate Addict's Lifesaver Program: A Personalized Plan for Becoming Slim, Fit and Healthy in Your 20s, 30s, 40s and Beyond**
by Rachael F. Heller, Richard Ferdinand Heller
- The Carbohydrate Addict's Diet: The Lifesaver Solution to Fix Your Dieting**
by Rachael F. Heller, Richard Ferdinand Heller
- The Carbohydrate Addict's Green Counter**
by Richard Ferdinand Heller, Rachael F. Heller

[More Hot Books](#)

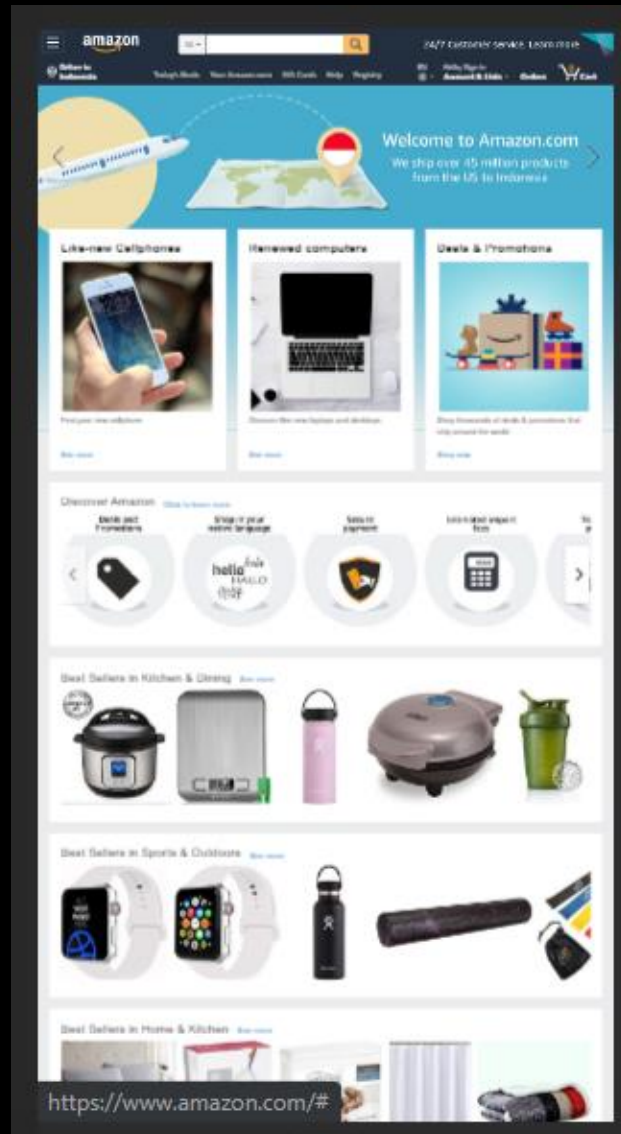
Amazon Auctions

Today in History
Free using Amazon

<https://www.amazon.com/>



<https://www.amazon.com/>



<https://www.facebook.com/>



facebook

home search browse invite help logout

Mark Zuckerberg's Profile (This is you) Harvard

Q Search

My Profile edit

My Friends

My Photos

My Notes

My Groups

My Events

My Messages (13)

My Account

My Privacy



View More Photos of Me (182)

Read Notes by Me

Edit My Profile

Create a Profile Badge

▼ Status edit

2 updates this week. See All

 Mark is at work.
Updated on Friday

▼ Harvard Friends

147 friends at Harvard. See All



Carolyn Abram Melanie Deitch Kasey Galang

▼ Friends in Other Networks

Networks with the most friends

Harvard (147)

Facebook (96)

San Francisco, CA (82)

Networks you belong to

Harvard (147)

Facebook (96)

San Francisco, CA (82)

Mark Zuckerberg

Harvard Facebook San Francisco, CA

Sex: Male

Birthday: May 14, 1984

Hometown: Dobbs Ferry, NY

Relationship Status: In a Relationship

▼ Mini-Feed

Displaying 10 stories. See All

Today

 Mark commented on Ezra Callahan's note Life Goal #16: Go to the Nut in a Tux. 7:14pm

X

 Mark edited Profile Picture on his profile. 3:47pm

X

 Mark wrote on the wall for the group LOCKDOWN.

X

Yesterday

 Will tagged Mark in two photos. 5:35pm

X



Added to:
finally, new album from will
- 14 Photos

 Mark and Julia are now friends. 2:44pm

X

September 2

 Mark created a group. 10:44pm

X



Free Flow of Information on the Internet
Election 2006 - Campaign Issue

▼ Information edit

Contact Info [edit]

Email:

AIM Screenname:

<https://www.facebook.com/>

← → ↻ 🔒 facebook.com

f Cari 🔍

Roni Beranda Buat 👤 🗨️ 🔔 ?

Roni Andarsyah

Masuk foto profil menyala. Anda dapat menyesuaikan bagaimana cara Anda masuk di bagian Pengaturan Keamanan.

Kabar Beranda ...

Messenger

Watch

Marketplace

Pintasan

Politeknik Pos Indo... 8

WOW

Mobilio Indonesia ... 6

Jelajahi

Halaman

Grup

Acara

Penggalangan Dana

Daftar Teman

Lihat Lainnya...

Buat Postingan

Apa yang Anda pikirkan, Roni?

Foto/Video Tandai Teman 😊 Perasaan/Ak... ⋮

Stories Lihat Semua

Tambah ke Cerita

Ade Irma Kumia

Nana Suryana

Mardinata

M Wijdan 8 jam · 👤

Tiriss,puncak

Dandan Supama Arvagian dan 11 lainnya

Halaman Anda ...

Politeknik Pos Indonesia

Pesan

Notifikasi 8

Terbitkan Foto Langsung Undang

Suka Dilihat Postingan

1.182

0 suka baru minggu ini

Buat Promosi ▼

Pilihan Populer di Marketplace

Rahid, M, dan 107 lainnya sudah menggunakan Marketplace.

HALAMAN ANDA

Politeknik Pos Indonesia 8

KONTAK

Rosid Aq

Della Galuh Anastasia

Bhadra Sujata

Raida Fakhira

Rizal Kizz

Rizka Jaya Motor

Billy Felick Gitar

Eric D. Pamungkas

Mang Ichi

Zhenonk

PERCAKAPAN GRUP

Buat Grup Baru

Q Cari ⚙️ 🗨️ 👤

Dasar Skrip / Tag HTML

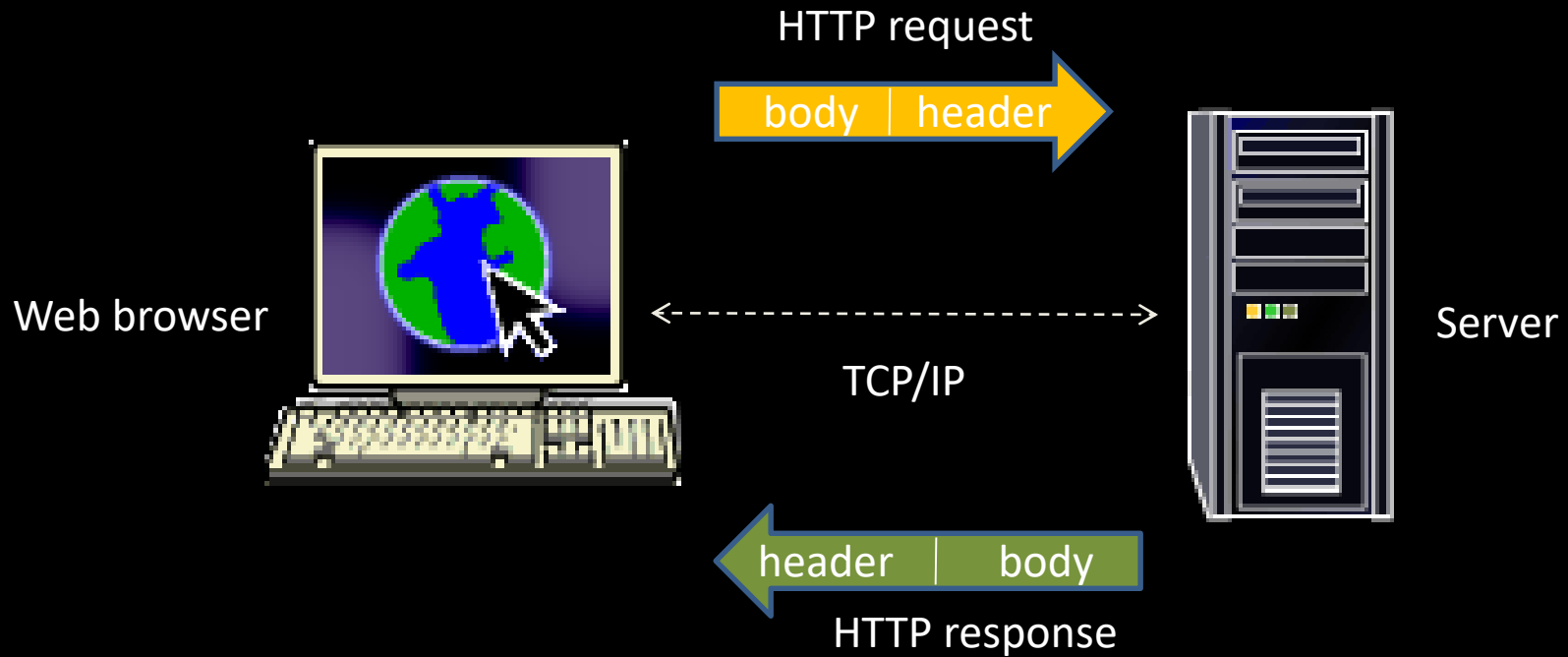


Pertanyaan mendasar tentang Design & Pemrograman web :

- ☐ Sulitkah pemrograman HTML?
- ☐ Apa yang dimaksud tag dalam HTML?
- ☐ Bagaimana belajar dari Design Web yang sudah ada?



Cara Kerja Website



Sekilas Web Programming : 1



Situs atau web dikategorikan menjadi dua:

1. Web Statis
2. Web Dinamis

Sekilas Web Programming : 1

Terdapat dua macam pemrograman web:

- Server Side Programming
- Client Side Programming



Server side programming :

The image shows the text 'Content Writer' in a blue, stylized font. To the right of the text is a black and white photograph of a laptop keyboard and a pen resting on a piece of paper.

- perintah-perintah program (script) dijalankan di web server. Hasilnya dikirim ke browser dalam bentuk HTML biasa.
- Contoh : ASP (Active Server Page), JSP (Java Server Page), PHP (Professional Home Page).

Client Side Programming

- Perintah program dijalankan di web browser.
- Jika client meminta dokumen yang mengandung script, maka script tersebut akan di download dari server kemudian dijalankan di browser pada client.

Contoh :

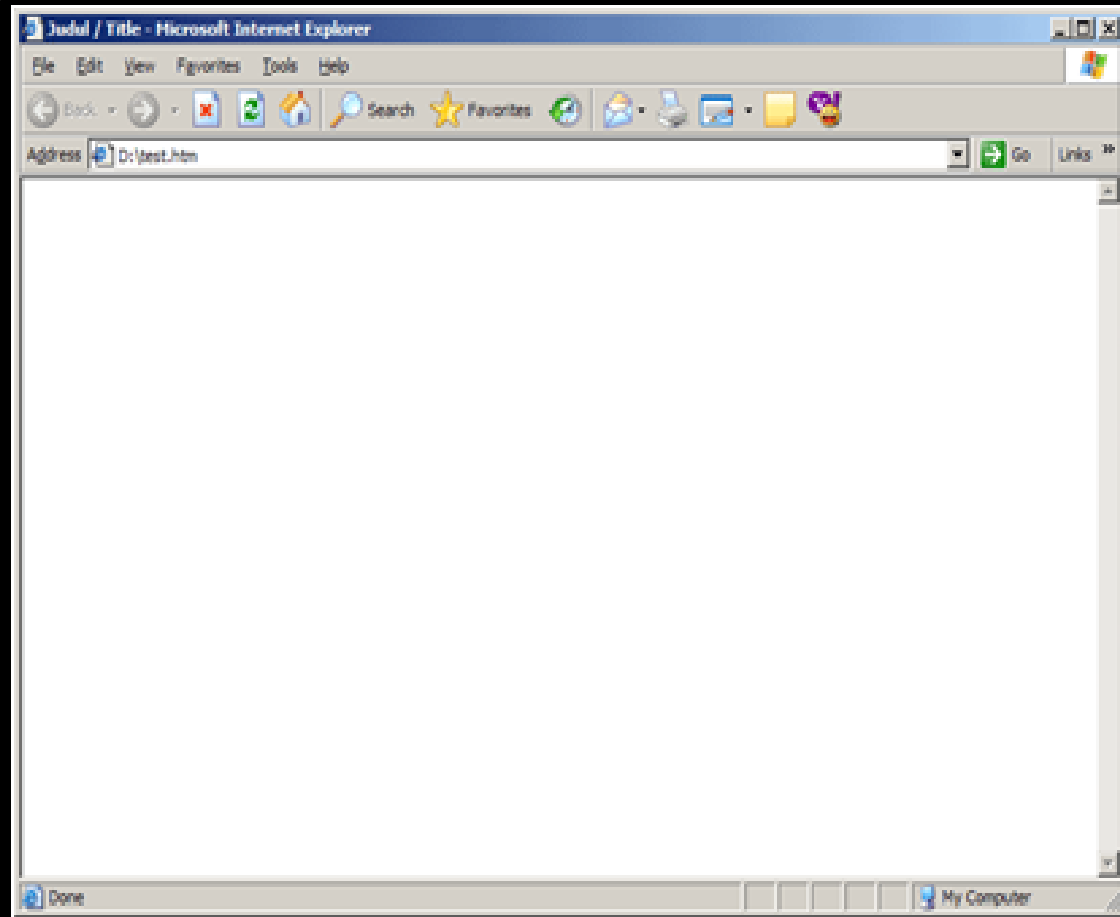
1. HTML,
2. JavaScript,
3. VbScript.



DASAR SKRIP / TAG HTML

- Dasar Skrip / Tag HTML

```
<html>  
  <head>  
    <title>judul / title</title>  
  </head>  
  <body>  
    isi / content  
  
  </body>  
</html>
```



DASAR SKRIP / TAG HTML

- Dasar Skrip / Tag HTML

Heading

`<html>`

`<head>`

`<title>Latihan 01</title>`

`</head>`

`<body>`

`<h1> Heading 1 - 24 Point </h1>`

`<h2> Heading 2 - 18 Point </h2>`

`<h3> Heading 3 - 14 Point </h3>`

`<h4> Heading 4 - 12 Point </h4>`

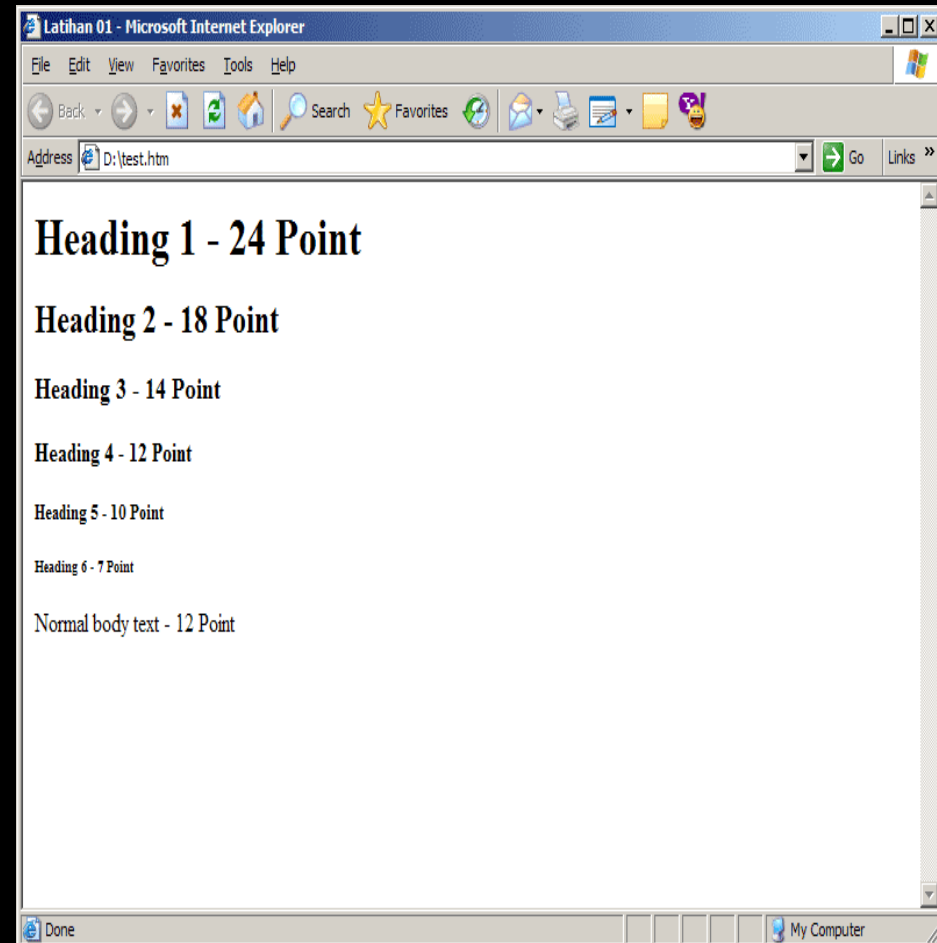
`<h5> Heading 5 - 10 Point </h5>`

`<h6> Heading 6 - 7 Point </h6>`

Normal body text - 12 Point

`</body>`

`</html>`



DASAR SKRIP / TAG HTML

- Dasar Skrip / Tag HTML

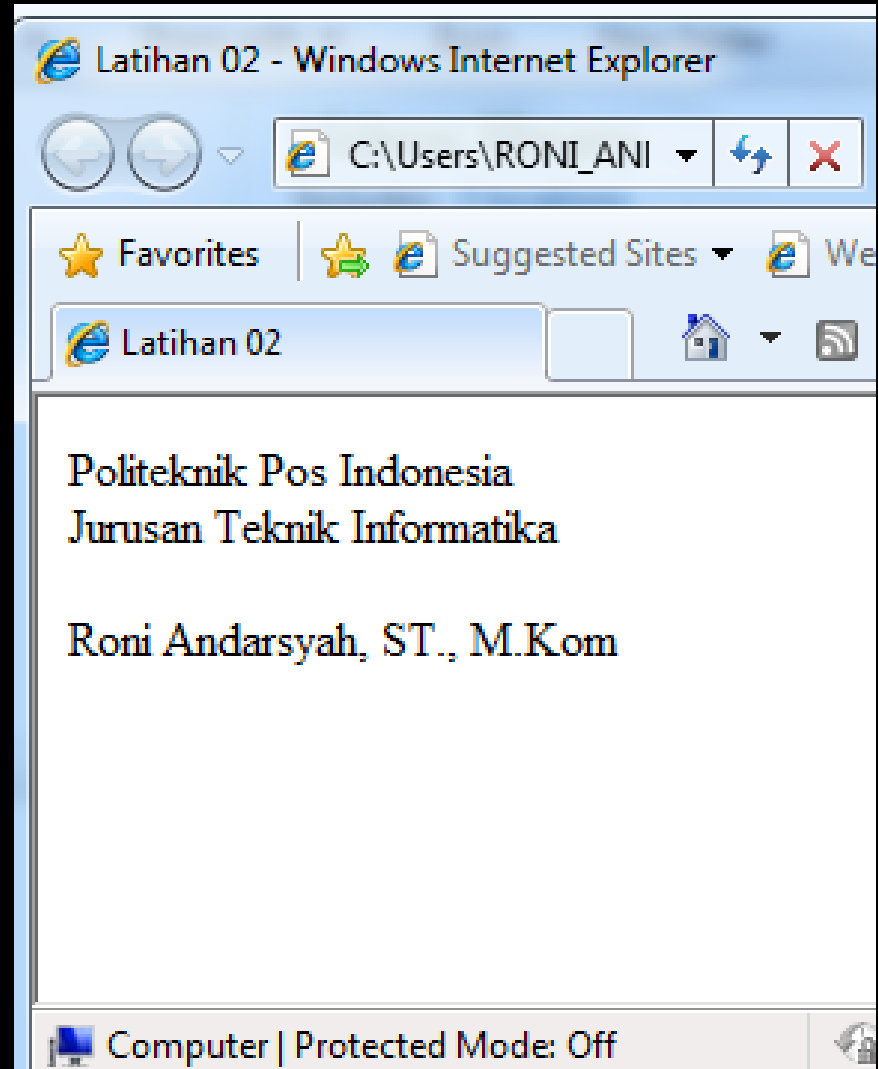
```
<html>  
  <head>  
    <title>Latihan  
03</title>  
  </head>  
  <body>  
    <h1>Politeknik Pos  
Indonesia</h1>  
    <hr>  
  </body>  
</html>
```



DASAR SKRIP / TAG HTML

- Paragraf and Break

```
<html>
  <head>
    <title>Latihan
02</title>
  </head>
  <body>
    Politeknik Pos Indonesia
    <br>
    Jurusan Teknik Informatika
    <p>
    Roni Andarsyah, ST., M.Kom
  </body>
</html>
```





THE END

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