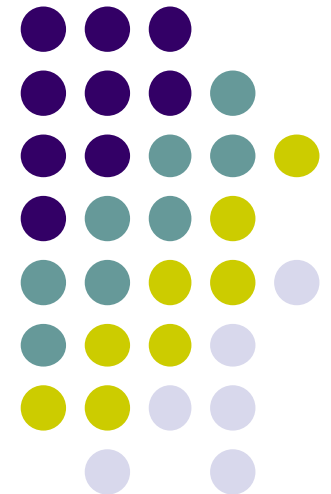


# PHP – Modularisasi

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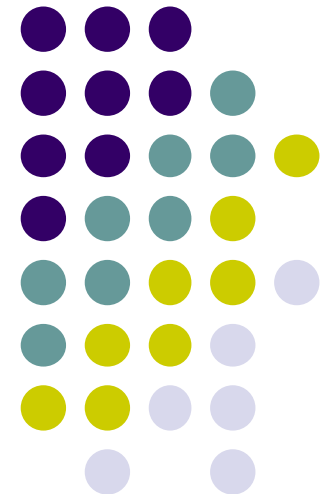
## Pemrograman Web II

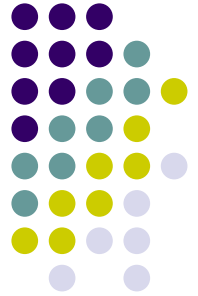
Ganjil 2015 - 2016



# MVC

Model – View – Controller





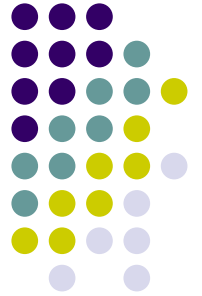
# Sejarah

- **Awal ditemukan**

- 1979, Trygve Reenskaug, Xerox Parc
- Dalam bahasa Smalltalk-80
- Mengimplementasikan pengembangan sebuah aplikasi berdasarkan tanggung jawab masing-masing bagian

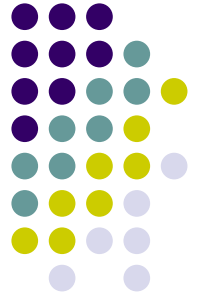
- **Pengembangan**

- 1988, Glenn Krasner & Stephen Pope
- “A Cookbook for Using the Model-View-Controller User Interface Paradigm in Smalltalk-80”



# Tujuan

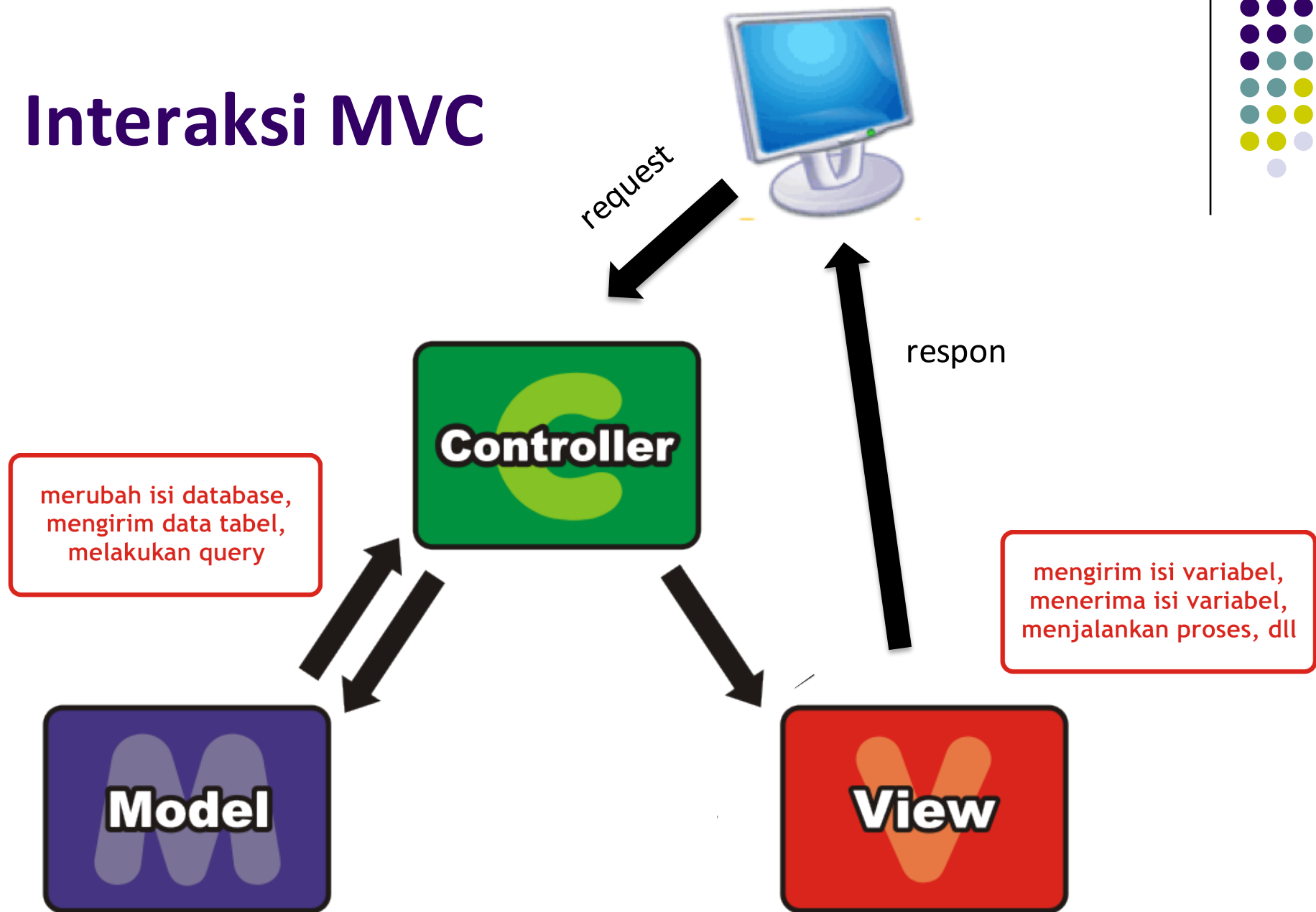
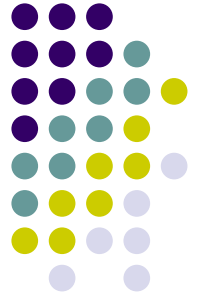
- Pola Arsitektural (*Architectural Pattern*)
- Memisahkan logika perangkat lunak dan antar muka
- Menghasilkan aplikasi yang mudah untuk dimodifikasi



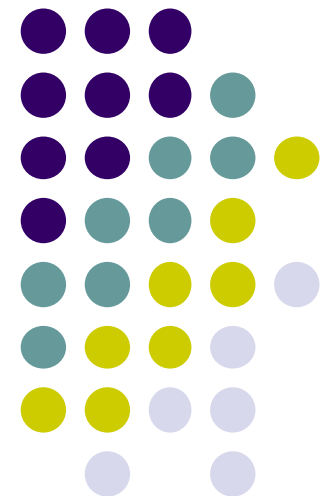
# MVC

- **Model**
  - Representasi dari data yang diolah oleh aplikasi
- **View**
  - Berhubungan dengan antar muka pemakai
- **Controller**
  - Menangani proses dan respon pada aplikasi
  - Menangani aksi dari user
  - Penghubung antara Model dan View

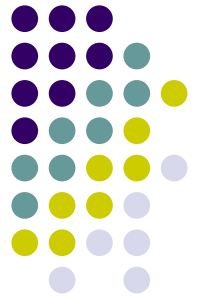
# Interaksi MVC



# Ilustrasi



index.php

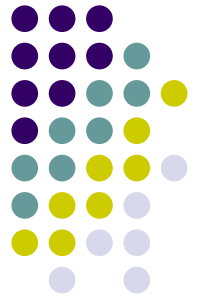


Header

Content

Footer





## My Website



### Halaman Home

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Lorem ipsum dolor sit amet, consectetur adipisicing elit. Expedita, velit porro suscipit doloremque laudantium deleniti adipisci at. Nam, cupiditate qui tenetur eveniet labore veniam officia inventore autem adipisci sapiente culpa quaerat. Beatae, aperiam, rerum, quasi animi possimus incidunt fugiat quos doloremque eum minima illum at nemo rem veniam corrupti consequuntur nostrum! Assumenda, nisi, laborum, dolor, quos alias tempore culpa iure corporis id cum velit nobis eligendi autem hic doloremque obcaecati iusto repudiandae odio commodi recusandae ab ullam amet eaque laudantium sequi libero sit omnis. Eos, quis, nam, cupiditate veniam soluta illum laudantium voluptas blanditiis ullam laborum unde rem repellendus sunt!

[Home](#)[Products](#)[Services](#)[Contact](#)[About](#)

Copyright ©2013. Dibuat oleh Sandhika Galih



```

<!doctype html>
<html>
<head>
  <title>Home | Pemrograman Web II</title>
  <link rel="stylesheet" href="css/style.css">
</head>

<body>

<div class="wrapper">

  <div class="header">
    <h1>My Website</h1>
  </div>

  <div class="content">
    <h3>Halaman Home</h3>

    <p>paragraf</p>
  </div>

  <div class="sidebar">
    <div class="navigasi">
      <ul class="navmenu">
        <li><a class="selected" href="index.php">Home</a></li>
        <li><a href="products.php">Products</a></li>
        <li><a href="#">Services</a></li>
        <li><a href="#">Contact</a></li>
        <li><a href="#">About</a></li>
      </ul>
    </div>
  </div>

  <div class="clear"></div>

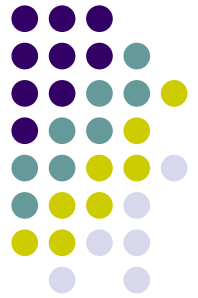
  <div class="footer">
    <p>Copyright &copy; 2013.
    Dibuat oleh <a href="http://sandhikagalih.net/" title="SandhikaGalih.net">Sandhika
    Galih</a></p>
  </div>

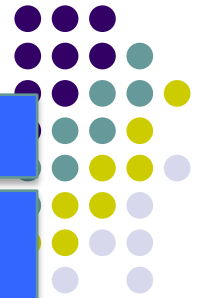
</div>

</body>
</html>

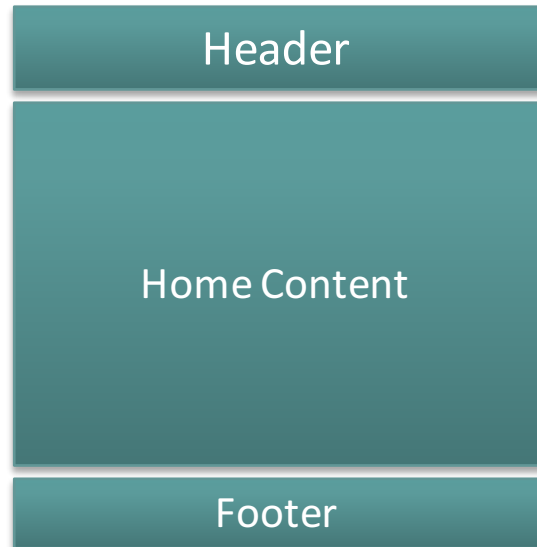
```

## index.php

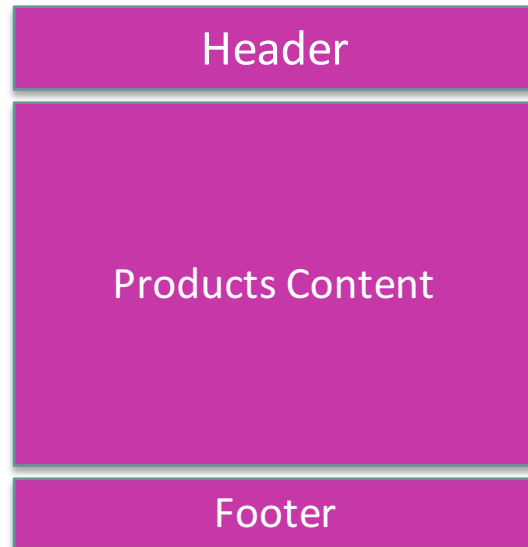




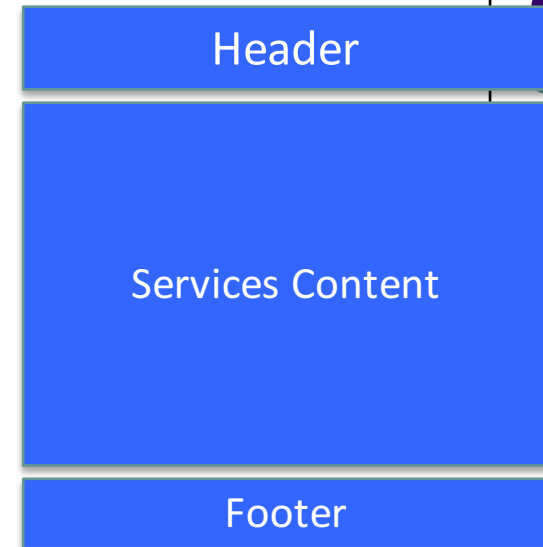
index.php



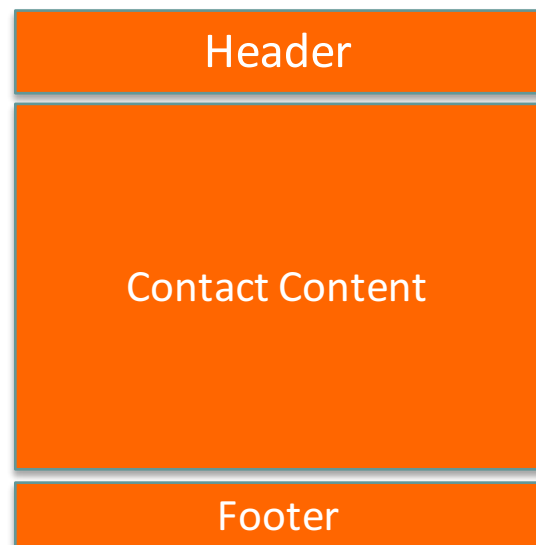
products.php



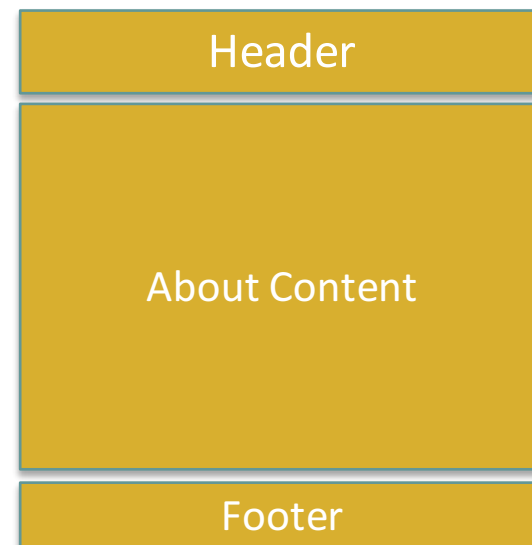
services.php

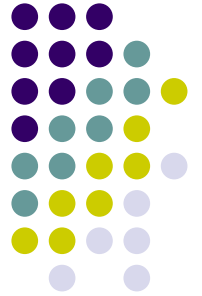


contact.php



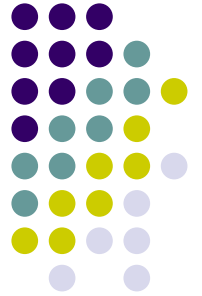
about.php





# Kendala

- Bagaimana jika ingin merubah CSS?
- Bagaimana jika ingin menambah halaman pada link?
- Bagaimana jika ingin memodifikasi copyright pada footer?

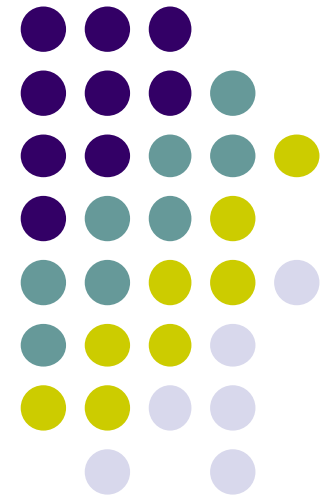


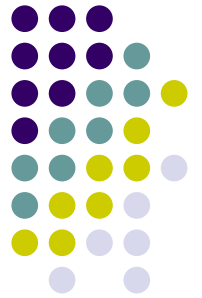
# Solusi?

- Modifikasi seluruh file
- Copy paste?
- Bagaimana jika ada puluhan / ratusan file?
- Sangat tidak efektif

# include & require

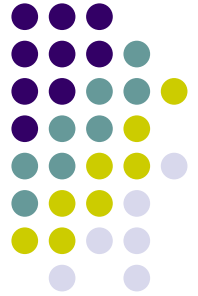
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# Cara untuk meng-include file php

- **include** "nama\_file.php";
- **include\_once** "nama\_file.php";
- **require** "nama\_file.php";
- **require\_once** "nama\_file.php";



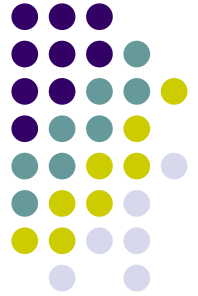
# Perbedaan?

- **include** & **require** memiliki fungsi yang hampir sama, tetapi:
- **require** akan menghasilkan fatal error jika file tidak ada
- **include** hanya akan menghasilkan notice jika file tidak ada
- **\_once** berfungsi untuk tidak menampilkan kembali file yang dipanggil jika file tersebut sudah pernah dipanggil sebelumnya

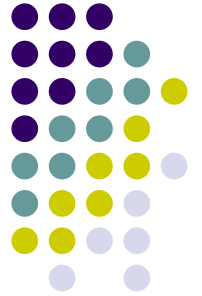


header.php

Header

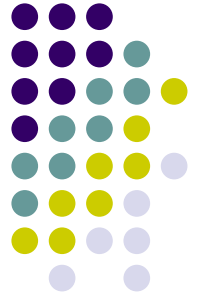


footer.php



Footer

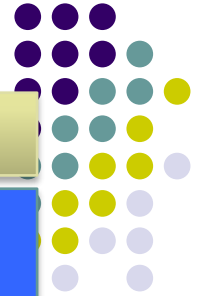
# index.php



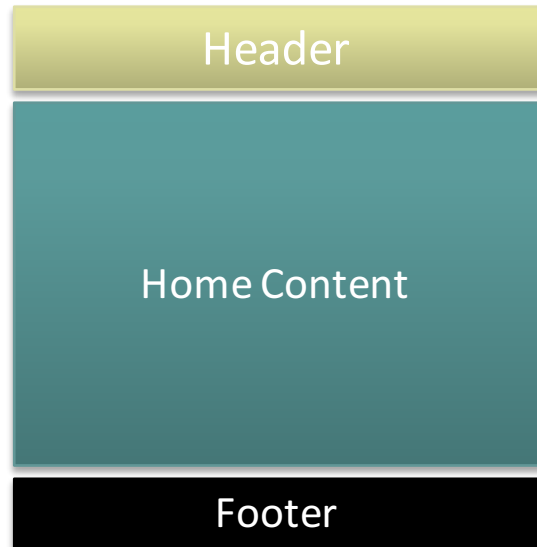
```
<?php require "header.php"; ?>
```

Content

```
<?php require "footer.php"; ?>
```



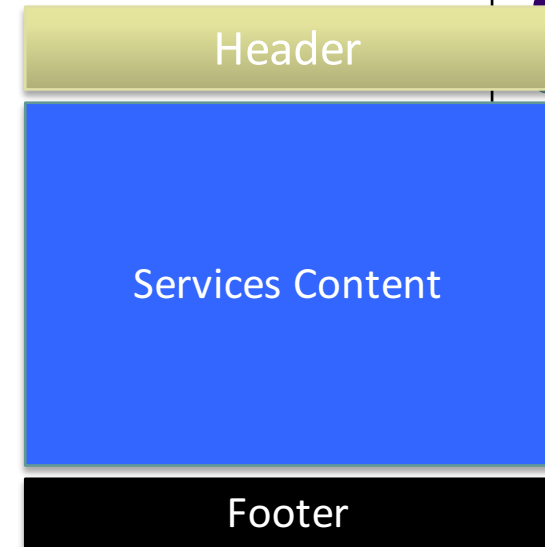
index.php



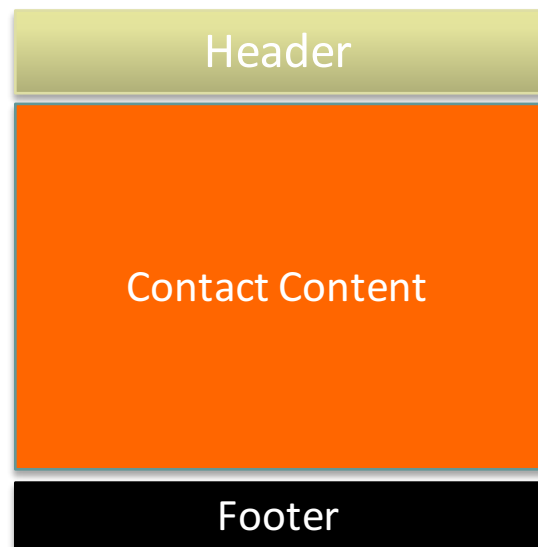
products.php



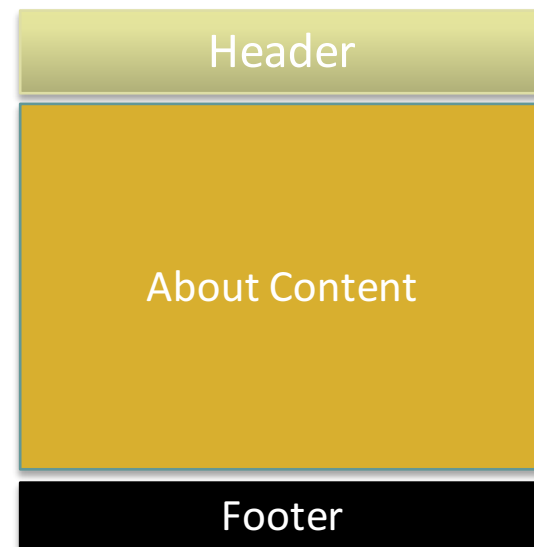
services.php



contact.php



about.php



# Terima Kasih

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**Pemrograman Web 2 - 20152016**

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erik@unpas.ac.id

