

DESIGN OF FORM

12th Meeting

FORM

- ❖ How to create a form on your website
- ❖ The different tools for collecting data
- ❖ New HTML5 form controls

There are several types of form controls that you can use to collect information from visitors to your site.

HOW FORMS WORK

A user fills in a form and then presses a button to submit the information to the server.

1

VOTE FOR YOUR FAVORITE JAZZ MUSICIAN OF ALL TIME

Username:

I vote for:

- Ella Fitzgerald
- Herbie Hancock
- John Coltrane
- Miles Davis
- Thelonius Monk

SUBMIT

2

The name of each form control is sent to the server along with the value the user enters or selects.

3

The server processes the information using a programming language such as PHP, C#, VB.net, or Java. It may also store the information in a database.

4

Thank you, Ivy!

You voted for Herbie Hancock.

The server creates a new page to send back to the browser based on the information received.

<form>

- ❑ Form controls live inside a <form> element.
- ❑ This element should always carry the action attribute and will usually have a method and id attribute too.

action

Every <form> element requires an action attribute. Its value is the URL for the page on the server that will receive the information in the form when it is submitted.

method

Forms can be sent using one of two methods: get or post.

chapter-07/form-structure.html

HTML

```
<form action="http://www.example.com/subscribe.php"
  method="get">
  <p>This is where the form controls will appear.
  </p>
</form>
```

RESULT

This is where the form controls will appear.

get method

- ❑ The values from the form are added to the end of the URL specified in the **action** attribute.
- ❑ The **get** method is ideal for:
 - ✓ short forms (such as search boxes)
 - ✓ when you are just retrieving data from the web server (not sending information that should be added to or deleted from a database)

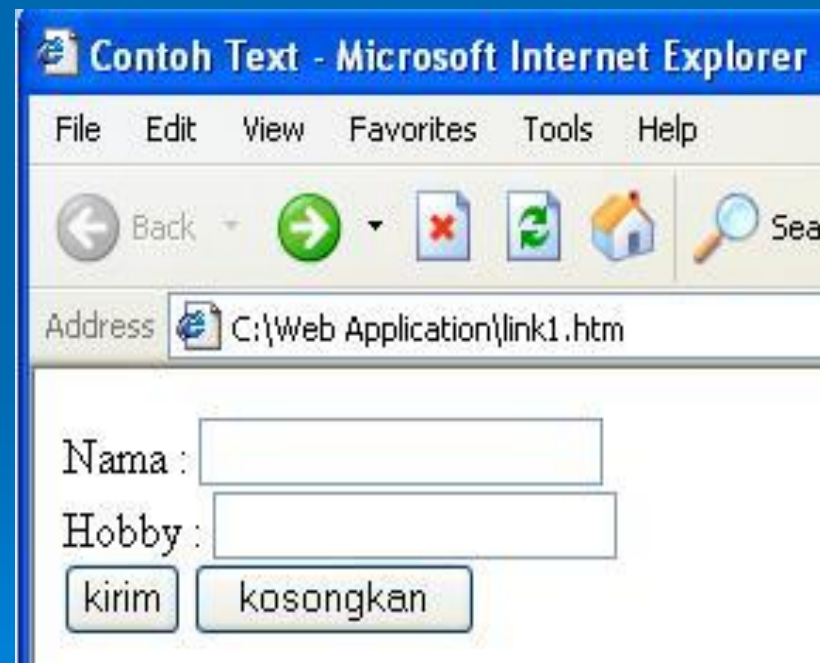
post method

- ❑ The values are sent in what are known as HTTP headers.
- ❑ As a rule of thumb you should use the **post** method if your form:
 - ✓ allows users to upload a file
 - ✓ is very long
 - ✓ contains sensitive data (e.g. passwords)
 - ✓ adds information to, or deletes information from, a database

HTML Input Element - Text

- Untuk memasukkan data.
- Atribut : type, name, size, maxlength, value.

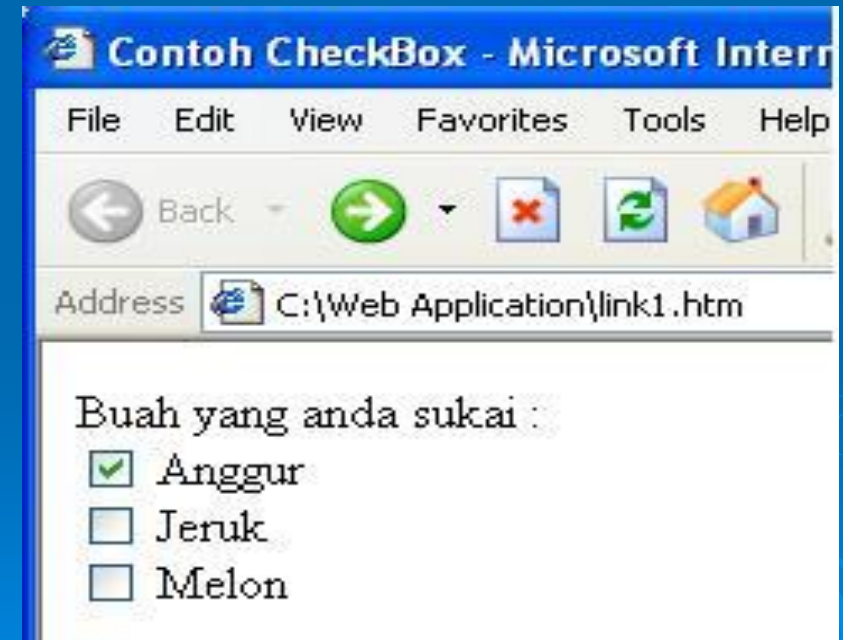
```
<body>
<form action="info.htm" method="post">
  Nama :
    <input type="text" name="nama" size="20">
  <br>
  Hobby :
    <input type="text" name="hobby" size="20">
  <br>
    <input type="submit" value="kirim">
    <input type="reset" value="kosongkan">
</form>
</body>
```



HTML Input Element - CheckBox

- Atribut : Type, Name, Checked.

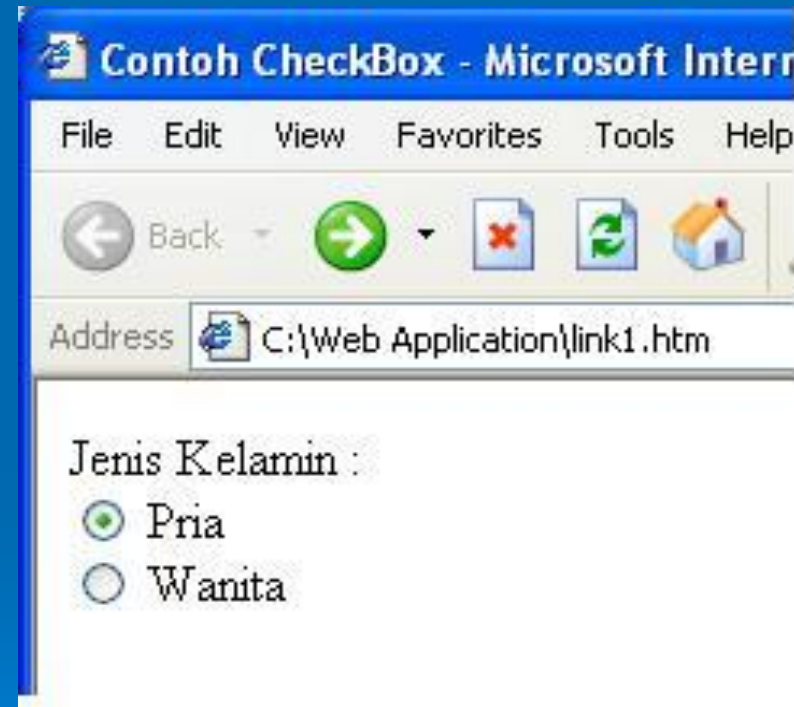
```
<body>
<form>
Buah yang anda sukai : <br>
  <input type="checkbox" name="anggur" checked>
  Anggur <br>
  <input type="checkbox" name="jeruk">
  Jeruk <br>
  <input type="checkbox" name="melon">
  Melon <br>
</form>
</body>
```



HTML Input Element - Radio

- Atribut : Type, name, value, checked.

```
<body>
<form>
  Jenis Kelamin : <br>
  <input type="radio" name="sex" value="p" checked>
  Pria <br>
  <input type="radio" name="sex" value="w">
  Wanita <br>
</form>
</body>
```



HTML Input Element - TextArea

- Atribut : cols, rows, name, size.

```
<body>
```

```
<form>
```

```
  Komentor anda : <br>
```

```
    <textarea name="komentar"  
      rows="5" cols="40">
```

```
    </textarea>
```

```
</form>
```

```
</body>
```



HTML Input Element - Combo

➤ Perintah : tag <select>

<form>

Musik yang paling anda sukai :

<select name="musik">

<option value="Jazz"> Jazz

<option value="Rock"> Rock

<option value="Pop"> Pop

<option value="Lain2"> Lain

</select>

</form>



HTML Input Element – List Box

- Hampir sama dengan combo, tambahan :
size="jml_yg_ditampilkan"

```
<form>
```

```
Musik yang paling anda sukai : <br>
```

```
<select name="musik" size="2">
```

```
<option value="Jazz" selected> Jazz
```

```
<option value="Rock"> Rock
```

```
<option value="Pop"> Pop
```

```
<option value="Lain2"> Lain
```

```
</select>
```

```
</form>
```



Submit Button

HTML

chapter-07/submit-button.html

```
<form action="http://www.example.com/subscribe.php">
  <p>Subscribe to our email list:</p>
  <input type="text" name="email" />
  <input type="submit" name="subscribe"
    value="Subscribe" />
</form>
```

RESULT

Subscribe to our email list:

<input>

type="submit"

The submit button is used to send a form to the server.

name

It can use a name attribute but it does not need to have one.

value

The value attribute is used to control the text that appears on a button. It is a good idea to specify the words you want to appear on a button because the default value of buttons on some browsers is 'Submit query' and this might not be appropriate for all kinds of form.

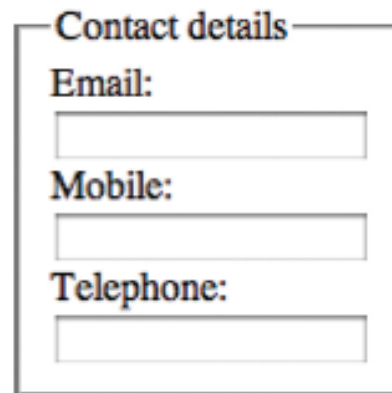
Grouping Form Elements

HTML

chapter-07/grouping-form-elements.html

```
<fieldset>
  <legend>Contact details</legend>
  <label>Email:<br />
  <input type="text" name="email" /></label><br />
  <label>Mobile:<br />
  <input type="text" name="mobile" /></label><br />
  <label>Telephone:<br />
  <input type="text" name="telephone" /></label>
</fieldset>
```

RESULT



Contact details

Email:

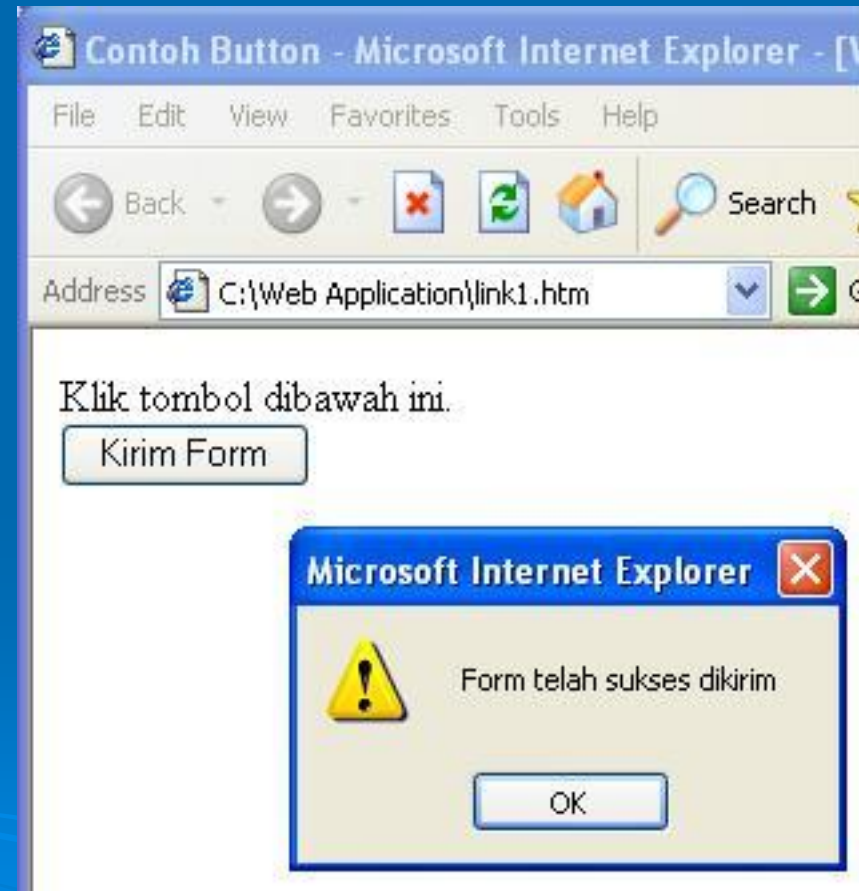
Mobile:

Telephone:

HTML Input Element - Button

- Atribut : type, value, onclick.

```
<html> <head>
<title>Contoh Button</title>
<script language="JavaScript">
  function kirim_form ()
  {window.alert ("Form telah sukses dikirim");
  window.open ("http://www.microsoft.com");
  }
</script> </head>
<body>
<form>
  Klik tombol dibawah ini.<br>
  <input type="button"
  value="Kirim Form"
  onclick="kirim_form()">
</form>
</body>
</html>
```



```
1 <html>
2 <head>
3   <title>Forms</title>
4 </head>
5 <body>
6 <form action="http://www.example.com/review.php" method="get">
7 <fieldset>
8   <legend>Your Details:</legend>
9   Name:<input type="text" name="name" size="30" maxlength="100"><br />
10  Email:<input type="email" name="email" size="30" maxlength="100"><br />
11 </fieldset><br />
12
13 <fieldset>
14   <legend>Your Review:</legend>
15 <p>How did you hear about us?
16 <select name="referrer" id="hear-about">
17   <option value="google">Google</option>
18   <option value="friend">Friend</option>
19   <option value="advert">Advert</option>
20   <option value="other">Other</option>
21 </select></p>
```


Firefox | f Andik Setyono | Forms | arti kata sintesis - Google Search

file:///D:/MENGAJAR 2013 GENAP/WEB DASAR/Latihan/Form1.html

AVG Secure Search

Your Details:

Name:

Email:

Your Review:

How did you hear about us?

Would you visit again?


- Yes No Maybe

Comments:

Sign me up for email updates

Windows Taskbar: Internet Explorer, Windows Explorer, Google Chrome, Firefox, VLC, PowerPoint, Word, Adobe Reader, System Tray (Volume, Network, Safely Remove Hardware), 11:12 PM 9/22/2013


PRACTICE




WELCOME TO PIZZA HUT

The Best PIZZA Place in Town


[ABOUT US](#) [OUR PIZZA](#) [OUR OUTLETS](#) [CONTACT US](#)



spicy arrabiata



prawn olio



creamy carbonara

PERSONAL INFORMATION

Name :

Password :

Address :

ORDER INFORMATION

Size : Personal Regular Large

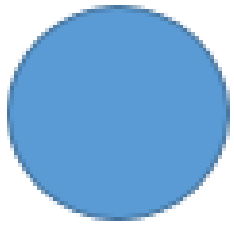
Side Dish : Salad Garlic Bread Fries

Drinks :
HOT
Coffee
Milo
COLD
Sprite
Pepsi

© 2008 Pizza Hut. All Rights Reserved.

HTML ASSIGNMENT AND FINAL EXAMINATION

- ❑ Please see some website design as many as possible that you love it, then download a website to get the images to design your own website.
- ❑ Make a website with minimum 5 pages where all pages are linked and there is no page stand-alone without link.
- ❑ Please put a link to homepage (index.html) for each page.
- ❑ Homepage is given name with "index.html", you can use FRAMESET or TABLE, then please you design the homepage as follow:



PT ABCDE SEMARANG
TAGLINE-NYA

[Home](#)

[Products](#)

[Services](#)

[Download](#)

[Guest Book](#)

Please put
animation,
picture or
menu here

Display the company profile here

Address:

Contact:

Email:

Copyright:

- ❑ Products menu and services can be changed with others menu accordance with object of the developed website.
- ❑ Make the content of the “**product.html**” by using TABLE to display product images and the information.
- ❑ Make the content of the “**service.html**” by using TABLE to make easy for managing the display.
- ❑ Make file of “**guest_book.html**” by using tag FORM to get some feedback from the website visitor.
- ❑ **Every student has different design with each other's!!!!**
- ❑ **The results will be assessed at the final examination time.**
- ❑ **Please do it and start now.**