CHAPTER 7: DESIGNING A MULTIMEDIA WEB PAGE + FRAMES + CONCEPTS OF WEB DEVELOPMENT

AUDIO FORMATS

1. (.mp3)
2. (.wav)

	WAV	Ogg/Vorbis	MP3	AAC
Firefox	✓	✓		
Chrome	✓	✓	✓	✓
Opera	✓	✓		
Safari	✓		✓	✓
Internet Explorer			✓	✓

<AUDIO> ELEMENT

Attribute	Value	Description
autoplay	autoplay	Specifies that the audio will start playing as soon as its is ready
loop	loop	Specifies that the audio will start playing again (looping) when it reaches the end.
controls	controls	Adds the play, pause, and volume controls

EXAMPLE


```
<audio src="http://audiosoundclips.com/wp-content/uploads/2011/12/Crowdcheer.mp3" autoplay="autoplay" controls="controls" loop="loop"></audio>
```

VIDEO FORMATS

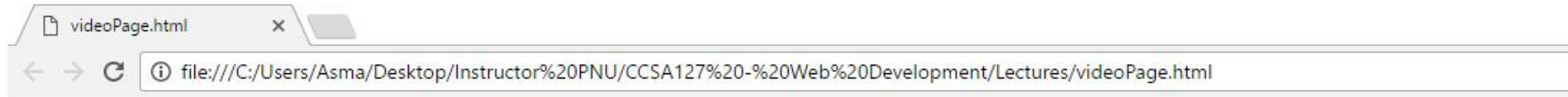1. (.mp4)
2. (.WebM)

<VIDEO> ELEMENT

Attribute	Value	Description
autoplay	autoplay	Specifies that the video will start playing as soon as its is ready
muted	muted	Mutes the audio track of the video clip
loop	loop	Specifies that the audio will start playing again (looping) when it reaches the end.
controls	controls	Adds the play, pause, and volume controls

EXAMPLE

HTML5

`<video src="http://techslides.com/demos/sample-videos/small.mp4" autoplay="autoplay" muted="muted" controls="controls" loop="loop"></video>`

FRAMES

HTML frames are used to divide your browser window into multiple sections where each section can load a separate HTML document.

<FRAMESET> ELEMENT

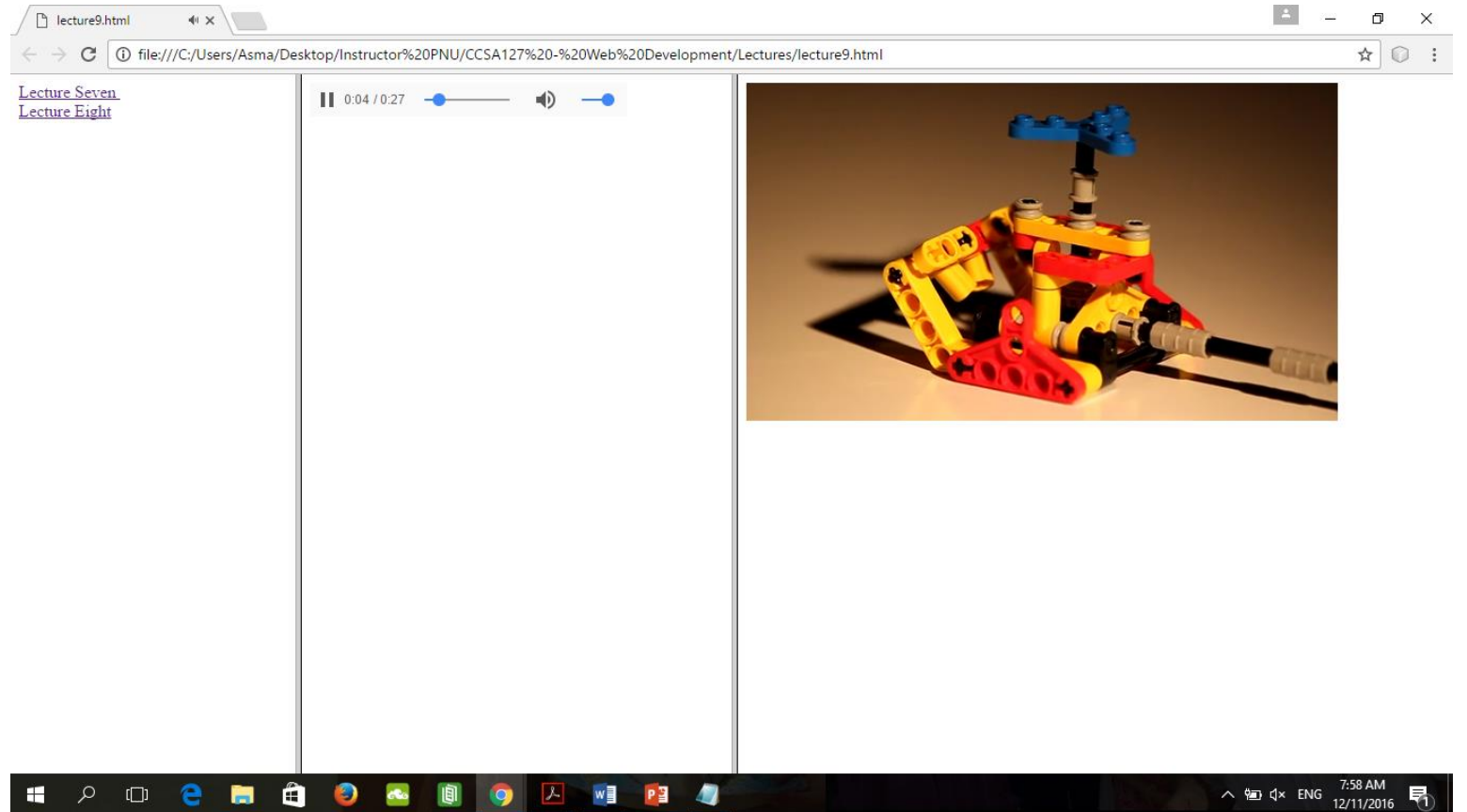| Attribute	Value	Description	Example
cols	px OR % muted	Specifies how many columns there are in the frameset with the size of each column	cols="100,50,50" cols="25%,25%,50%"
rows		Specifies how many rows there are in the frameset with the size of each row	rows="100,50,50" rows="25%,25%,50%"
framespacing	Number value	Specifies the amount of space between frames in a frameset	framespacing="10"

<frameset> is placed instead of the <body>

<FRAME> ELEMENT

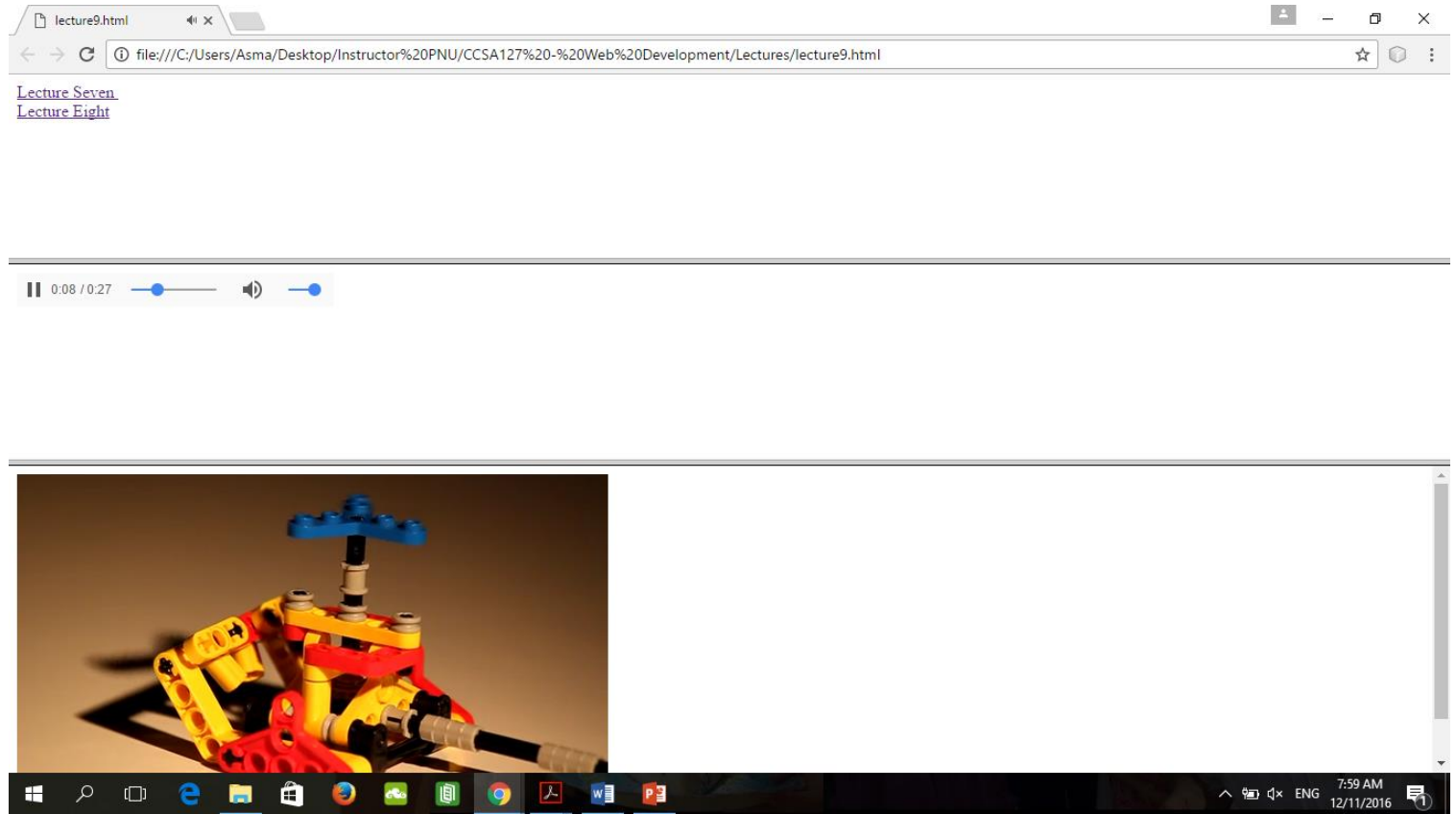| Attribute	Value	Description	Example
src	url	file name that should be loaded in the frame	src="nav.html"

EXAMPLE


```
<html>
  <head></head>
  <frameset cols="20%,30%,50%">
    <frame src="nav.html">
    <frame src="audioPage.html">
    <frame src="videoPage.html">
  </frameset>
</html>
```
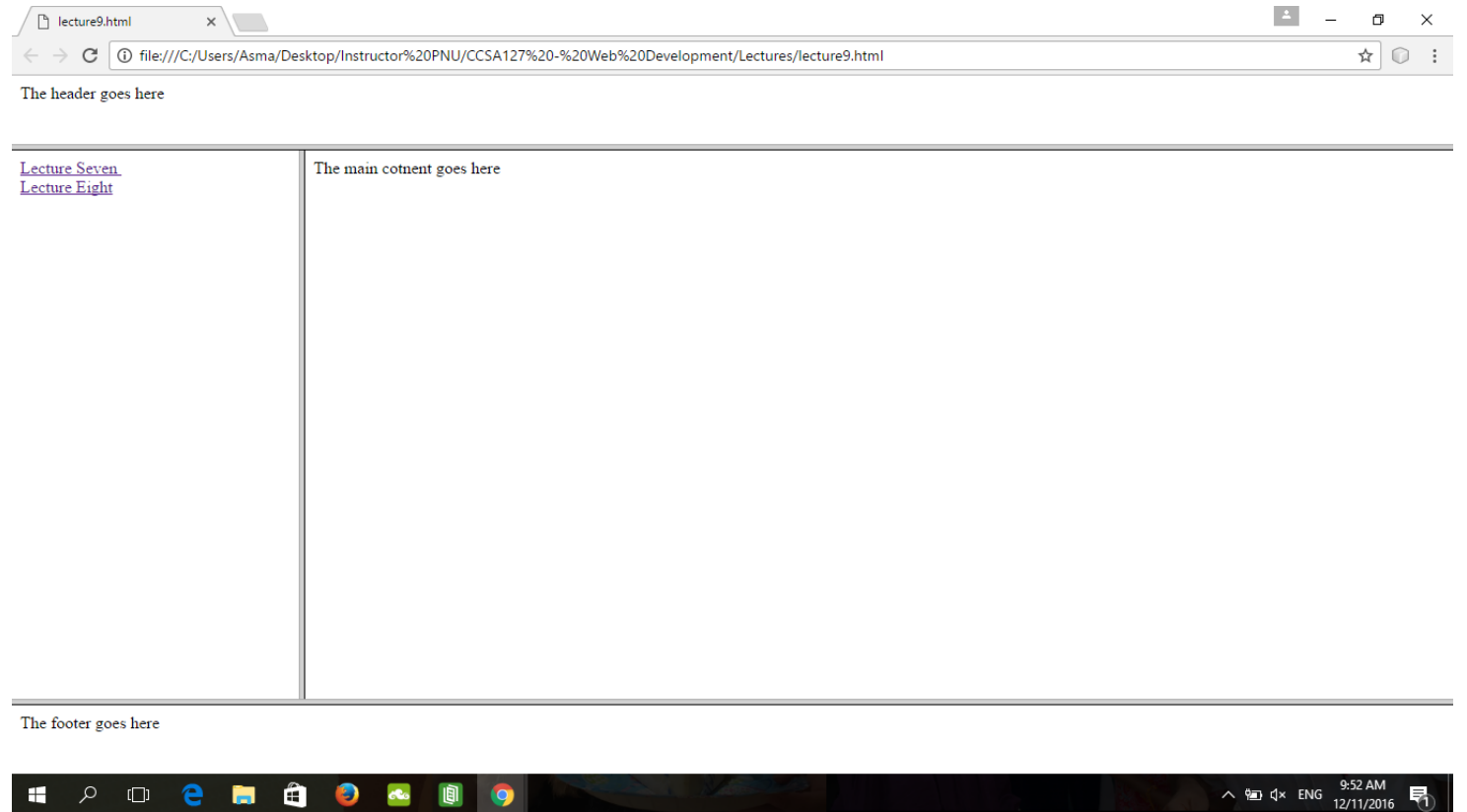
EXAMPLE

HTML5

```html
<html>
  <head></head>
  <frameset rows="30%,32%,50%">
    <frame src="nav.html">
    <frame src="audioPage.html">
    <frame src="videoPage.html">
  </frameset>
</html>
```

EXAMPLE

```html
<html>
  <head></head>
  <frameset rows="10%,80%,10%">
    <frame src="header.html">
    <frameset cols="20%,80%">
      <frame src="nav.html">
      <frame src="content.html">
    </frameset>
    <frame src="footer.html">
  </frameset>
</html>
```

The header goes here

Lecture Seven
Lecture Eight

The main cotnent goes here

The footer goes here

WEB DEVELOPMENT

The Web development process includes Web design, Web content development, and client-side/server-side scripting, among other tasks
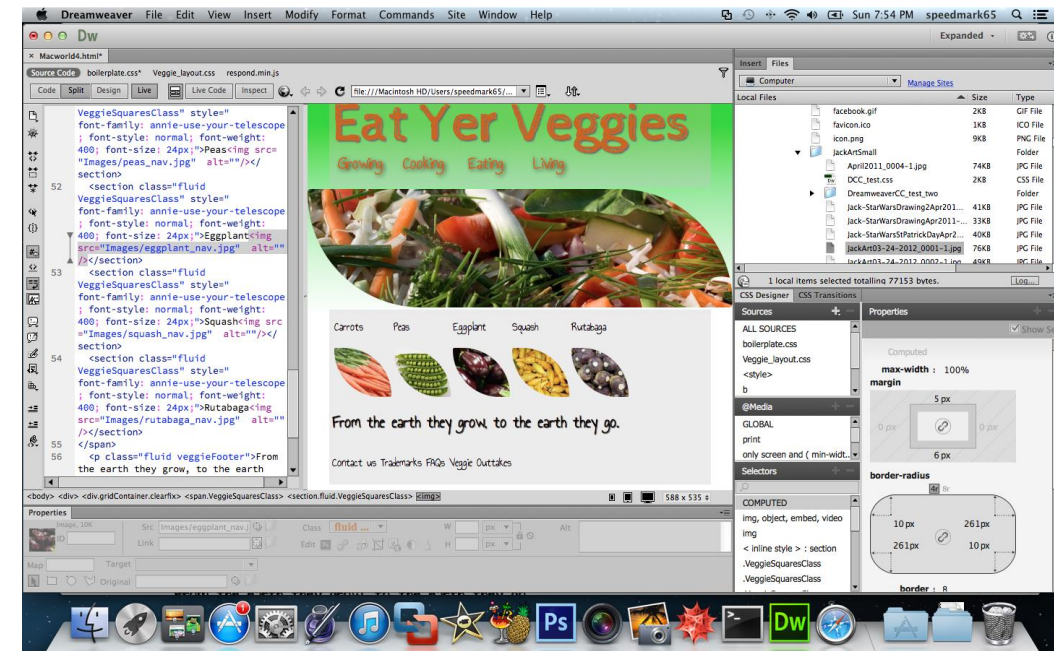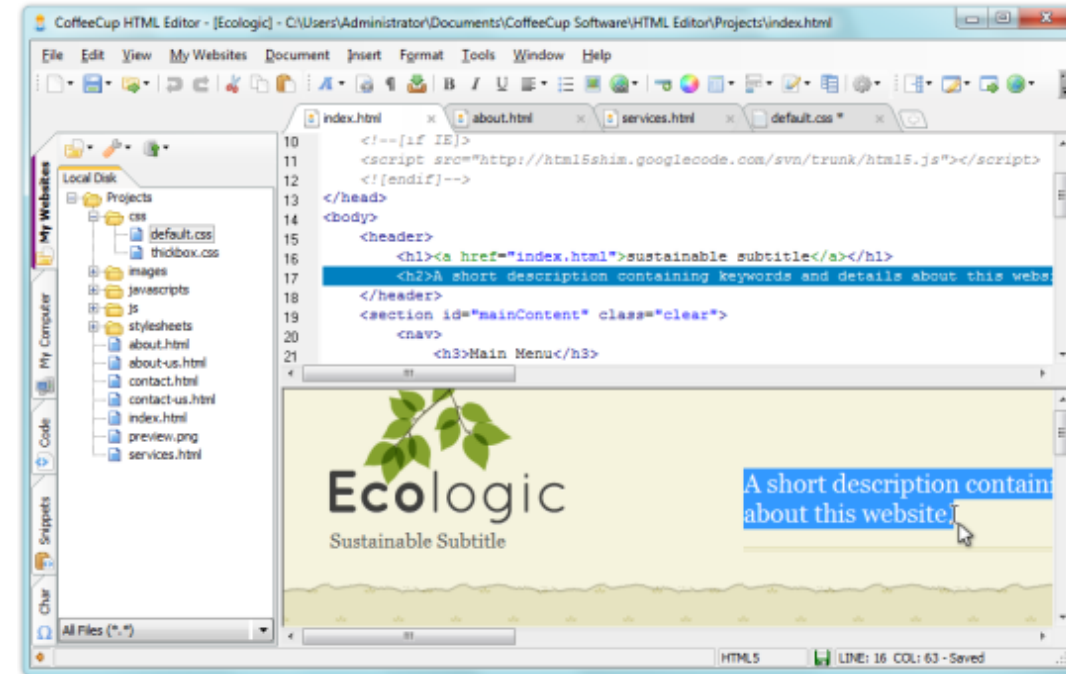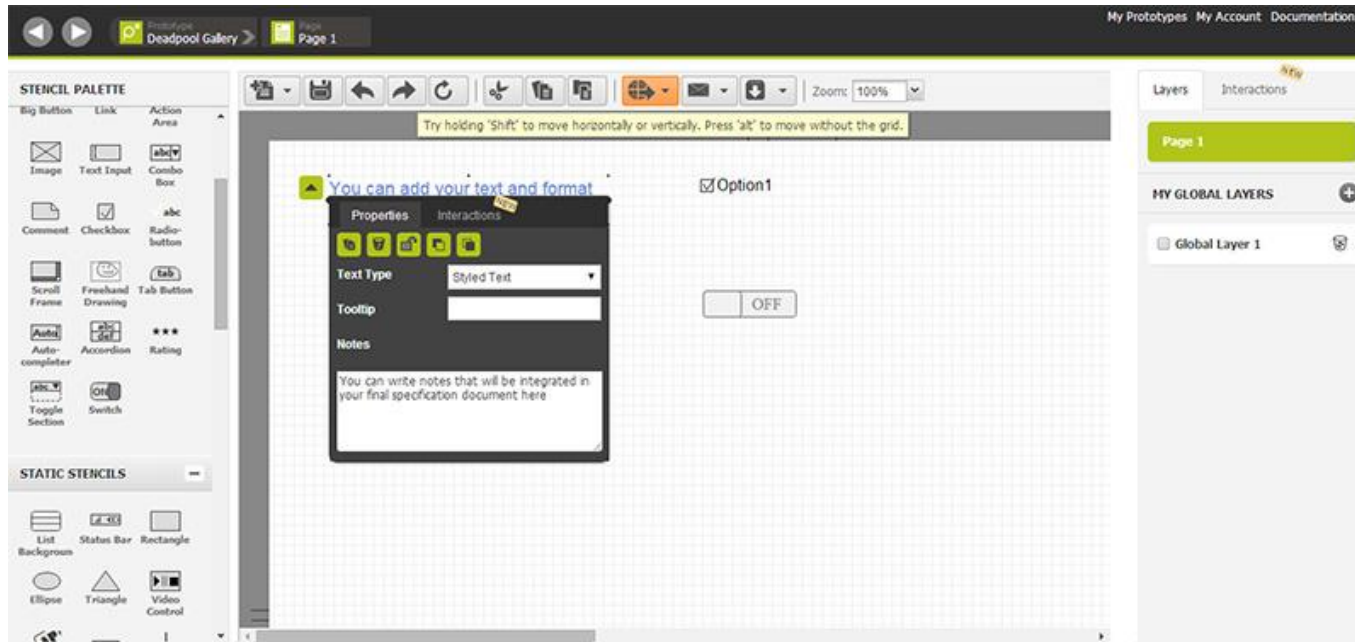
WEB DEVELOPMENT SOFTWARE TOOLS

Programs that make it easier for the designer to work with page and site elements through a graphical user interface that displays the desired results, typically in a WYSIWYG manner.

1.Easy to use – just drag & drop, no coding required.
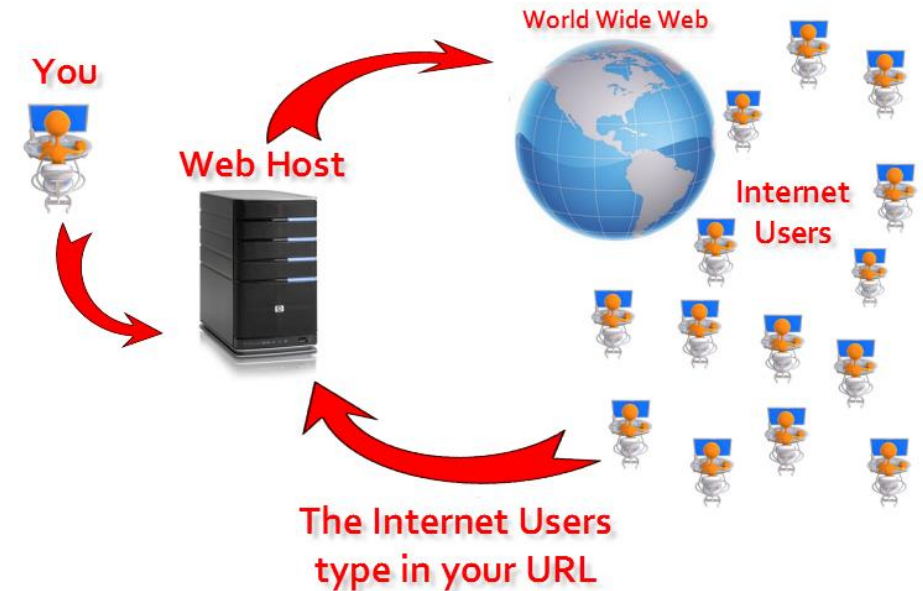2.Professionally designed templates for you to use.
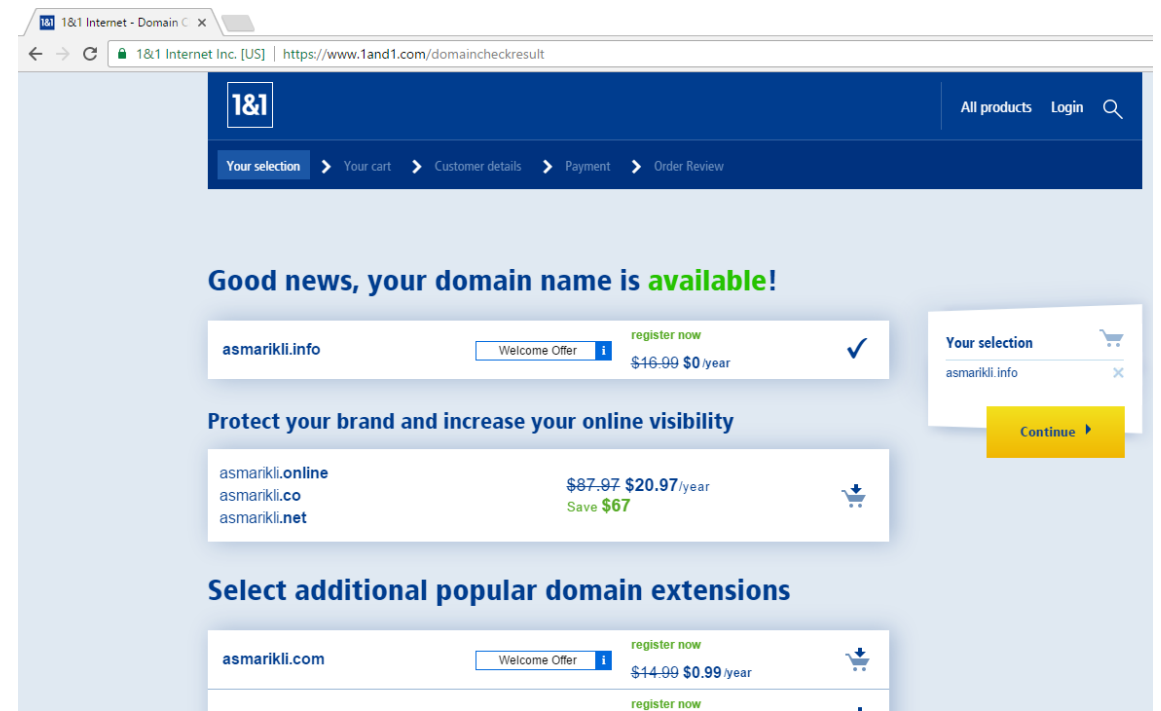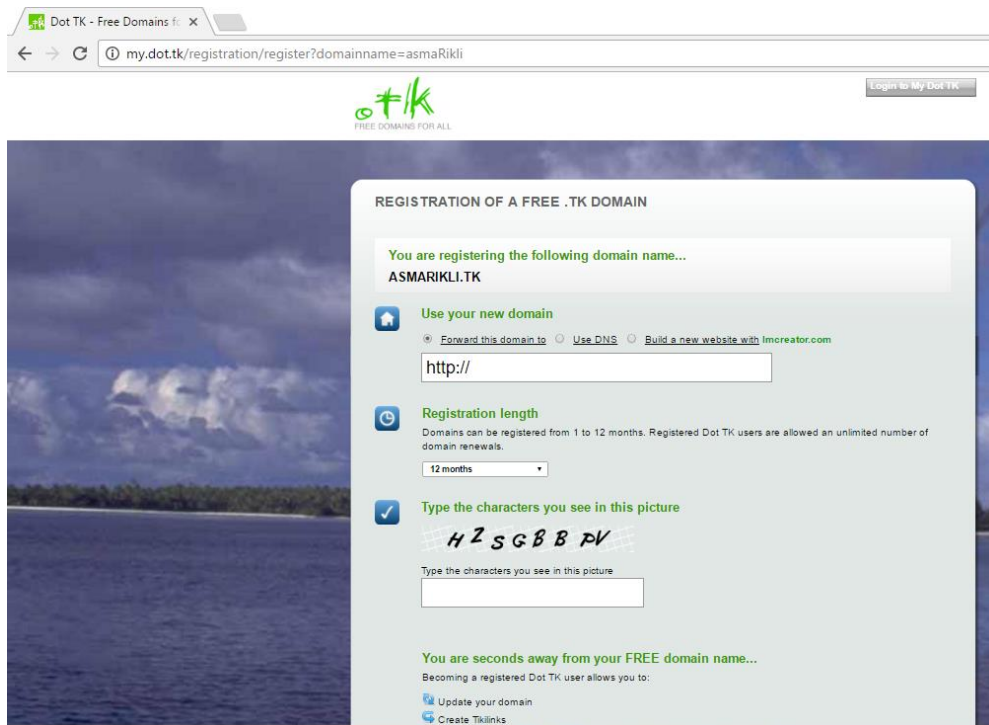3.Affordable pricing.

PRINT SCREENS

WEB HOSTING

Web hosts are companies that provide <u>space on a server</u>.

WEB HOSTING COMPANIES - DOMAIN NAMES

BACK END DATABASE

A database that is accessed by users indirectly through an external website or application.

Access / Denied Access

User name + password

Name+ mail + comment