

Tuần 1. HTML CƠ BẢN

Mục tiêu:

- *Hiểu được cấu trúc của trang Web [và cách làm việc với Notepad++, Dreamweaver, Visual Code, Sublime Text]*
- *Phân biệt được sự khác biệt giữa HTML5 và các phiên bản trước của HTML*
- *Hiểu và áp dụng được HTML/HTML5 vào việc thiết kế các trang Web*

Yêu cầu:

- *Tất cả các bài tập lưu trong thư mục: **T:\MaSV_HoTen\Tuan01***
- *Hình ảnh được lưu trữ trong thư mục riêng **T:\MaSV_HoTen\Tuan01\images***
- *Cuối mỗi buổi thực hành, SV phải nén (.rar hoặc .zip) thư mục làm bài và nộp lại bài tập đã thực hiện trong buổi đó.*

Bài 1. Các thẻ cơ bản

Example Cafe Menu

[Starters](#) | [Main Courses](#) | [Desserts](#)

Starters

- Chestnut and Mushroom Goujons ([v](#))
- Goat Cheese Salad ([v](#))
- Honey Soy Chicken Kebabs
- Seafood Salad

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Main courses

- Spinach and Ricotta Roulade ([v](#))
- Beef Tournados with Mustard and Dill Sauce
- Roast Chicken Salad
- Icelandic Cod with Parsley Sauce
- Mushroom Wellington ([v](#))

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Desserts

- Lemon Sorbet ([v](#))
- Chocolate Mud Pie ([v](#))
- Pecan Pie ([v](#))
- Selection of Fine Cheeses from Around the World

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Items marked with a (v) are suitable for vegetarians.

Bài 2.

a. Sử dụng dữ liệu trong thư mục *Bai2a*



Leonhard Euler (1707-1783)

The greatest mathematician of the eighteenth century, **Leonhard Euler** was born in Basel, Switzerland. There, he studied under another giant of mathematics, **Jean Bernoulli**. In 1731 Euler became a professor of physics and mathematics at St. Petersburg Academy of Sciences. Euler was the most prolific mathematician of all time, publishing over 800 different books and papers. His influence was felt in physics and astronomy as well. Euler's work on mathematical analysis, *Introductio in analysin infinitorum* (1748) remained a standard textbook for well over a century. For the princess of Anhalt-Dessau he wrote *Lettres a une princesse d'Allemagne* (1768-1772), giving a clear non-technical outline of the main physical theories of the time.

One can hardly do math without copying Euler. Notations still in use today, such as e and π , were introduced in Euler's writings. He is perhaps best known for his research into mathematical analysis. Euler's formula

$$\cos(x) + i\sin(x) = e^{ix}$$

demonstrates the relationship between algebra, complex analysis, and trigonometry. From this equation, it's easy to derive the equation


$$e^{i\pi} + 1 = 0$$

which relates the fundamental constants: 0, 1, π , e , and i in a single beautiful and elegant statement.


Leonhard Euler died in 1783, leaving behind a legacy perhaps unmatched, and certainly unsurpassed, in the annals of mathematics.

Math 895: The History of Mathematics

b. Sử dụng dữ liệu trong thư mục *Bai2b*



Apple Bavarian Torte (★ ★ ★ ★)



A classic European torte baked in a springform pan. Cream cheese, sliced almonds, and apples make this the perfect holiday treat (12 servings).

INGREDIENTS

- 1/2 cup butter
- 1/3 cup white sugar
- 1/4 teaspoon vanilla extract
- 1 cup all-purpose flour
- 1 (8 ounce) package cream cheese
- 1/4 cup white sugar
- 1 egg
- 1/2 teaspoon vanilla extract
- 6 apples - peeled, cored, and sliced
- 1/3 cup white sugar
- 1/2 teaspoon ground cinnamon
- 1/4 cup sliced almonds

DIRECTIONS

1. Preheat oven to 450 degrees F (230 degrees C).
2. Cream together butter, sugar, vanilla, and flour.
3. Press crust mixture into the flat bottom of a 9-inch springform pan. Set aside.
4. In a medium bowl, blend cream cheese and sugar. Beat in egg and vanilla. Pour cheese mixture over crust.
5. Toss apples with sugar and cinnamon. Spread apple mixture over all.
6. Bake for 10 minutes. Reduce heat to 400 degrees F (200 degrees C) and continue baking for 25 minutes.
7. Sprinkle almonds over top of torte. Continue baking until lightly browned. Cool before removing from pan.

REVIEWS

I ★ ★ ★ ★
4 stars I loved the buttery taste of the crust which complements the apples very nicely. -- Reviewed on Sep. 22, 2010 by MMASON.

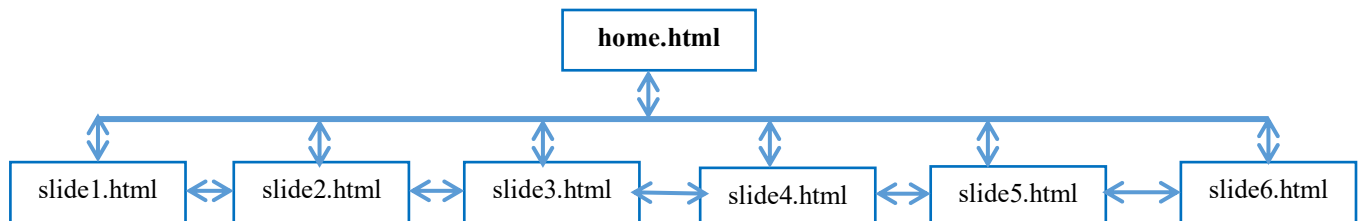
II ★ ★ ★ ★
Nothing special. I like the crust, but there was a little too much of it for my taste, and I liked the filling but there was too little of it. I thought the crunchy apples combined with the sliced almonds detracted from the overall flavor. -- Reviewed on Sep. 1, 2010 by GLENDACHEE.

III ★ ★ ★ ★
Delicious!! I recommend microwaving the apples for 3 minutes before baking, to soften them. Great dessert - I'll be making it again for the holidays. -- Reviewed on August 28, 2010 by BBABS.

Bài 3. Liên kết <a>

Sử dụng dữ liệu **Tuan1\Bai3**

Tạo Website theo cấu trúc sitemap sau:



1. Trong **Tuan1\Bai3** chứa file **home.html** và các file **.jpg** tương ứng, chỉnh sửa **home.html** như sau:



2. Tạo trang **Slide1.html**, Tiêu đề trang là **Slide 1** như sau:



Trên trang *Slide1.html* các hình ảnh có ý nghĩa liên kết tương ứng:



Tạo hyperlink về trang *home.html* ``



Tạo hyperlink về trang *đầu tiên* **slide1.html**



Tạo hyperlink về trang *trước* trang của slide **hiện tại**



Tạo hyperlink về trang *sau* trang slide **hiện tại**



Tạo hyperlink về trang *cuối* cùng **slide6.html**

Ý nghĩa liên kết hình tương ứng với mỗi slide như sau:



slide1.html	slide2.html	slide3.html	slide4.html	slide5.html	slide6.html
-------------	-------------	-------------	-------------	-------------	-------------

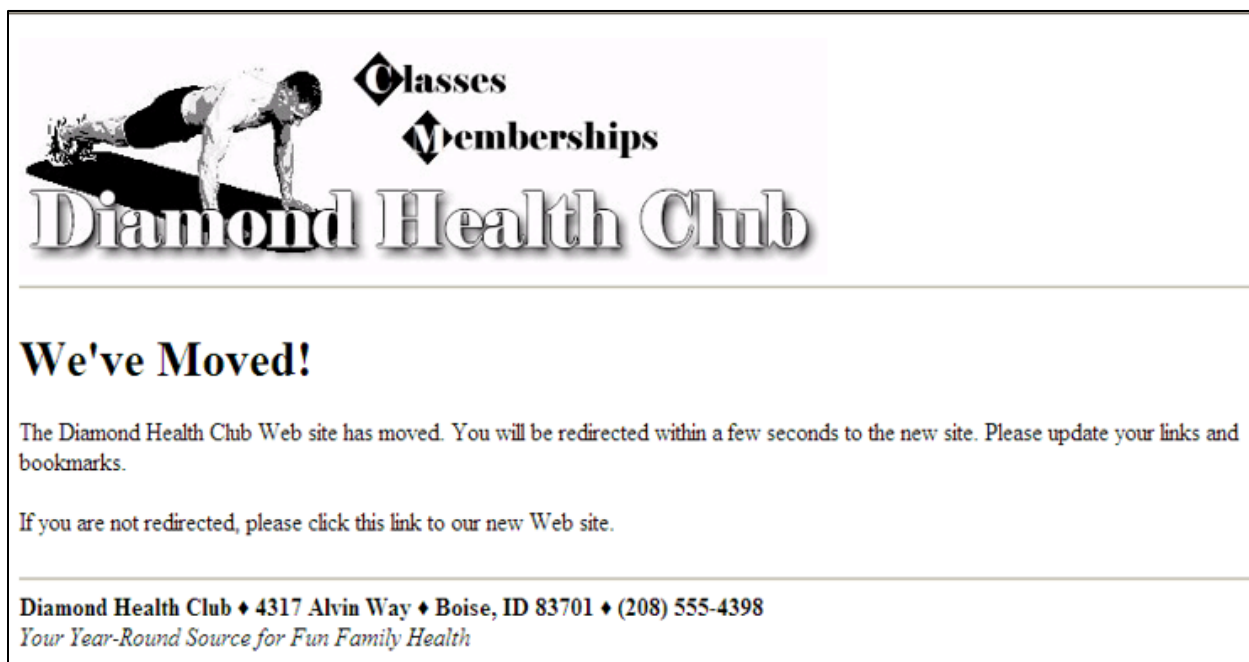
Cần phải tạo các trang còn lại với các ý nghĩa tương ứng như trang *slide1.html* để thực hiện các liên kết.

Với các dòng dữ liệu phía cuối trang cho các slide lần lượt là:

- *If I Were a Rich Man* sung by Thomas Gates : **2**
- *Matchmaker (L:R)* Karen Unger, Rachel Paulson, Lucy Davis, Judy French, Catherine Lewis : **3**
- *The Bottle Dance (L:R)* Tim Lewis, Paul Richtoven, Peter Levin : **4**
- *Fiddler Cast #2 (Front Row):* Olivia Young, Angela Unger
- *(Second Row):* Terry Brown, Terry Stoller, Brett Anglewright, Diane Lee, Karen Tindale : **5**
- *Fiddler Full Cast #1* : **6**

Bài 4. Liên kết nâng cao

1. Trong thư mục **Tuan1\Bai4** chứa **hometxt.html**, **diamond.jpg**. Mở file **hometxt.html** lưu lại với tên **home.html** và tạo trang như sau:



- Hình **diamond.jpg** có size (rộng: 548 pixels, cao: 150 pixels). Chia hình thành 3 hotspot theo tọa độ như sau:



- i. Hotspot 1: **rectangle** với tọa độ **(225,7); (333,40)** liên kết tới trang **classes.html** (tạo sau), alt="Classes", có 1 gợi ý "View our classes"
- ii. Hotspot 2: **rectangle** tọa độ **(258,44); (437,82)** liên kết tới trang **member.html** (tạo sau), alt = "Member Ships", gợi ý "View our membership options"
- iii. Hotspot 3: phần còn lại (mặc định) không cần tọa độ, liên kết **index.html**. alt = "Home Page", gợi ý "Return to the Home Page"

Gợi ý cú pháp:

```

<map id="diamondmap" name="diamondmap">
<area shape="rect" coords="225,7,333,40" href
="classes.html"
alt="Classes" title="View our classes">
<area shape="rect" coords="258,44,437,82" href
="member.html" alt="Member Ships" title="View our
classes">
<area shape="default" coords="0, 0, x, y" href="
index.html"
alt="Home Page" title="Return to the Home page">
</map>
```

2. Trong thư mục **Bai4** chứa file **index.txt**. Tạo trang **index.html**:



[Home Page](#) ♦ [Facilities](#) ♦ [Classes](#) ♦ [Memberships](#) ♦ [Staff](#) ♦ [Hours](#)

Welcome

At Diamond Health Club, you can stay healthy year-round and have fun doing it! We offer something for everyone. Our state-of-the-art facilities can challenge the most seasoned athlete, while remaining friendly to our first-time users. Be sure to check out our great classes for everyone from [children](#) and [teens](#) to [adults](#) and [seniors](#). No matter who you are, DHC offers a class for you.

DHC also provides several different membership options. You can register as an [individual](#) or a [family](#). We also provide special couples plans. Planning to visit Seattle a few days, weeks, or a month? Our great [temporary](#) plans are tailored to meet the needs of any visitor. Temporary memberships also make great Christmas gifts.

Facilities

- 2 workout rooms
- Olympic size pool with at least 3 lanes always open
- Warm, 3-foot deep therapeutic pool
- 2 gymnasiums with full size basketball courts
- Five exercise rooms for private and class instruction
- Climbing gym
- 3 racquetball courts
- On-site child care

Hours

Mon. - Fri. : 5 a.m. to 11 p.m.
Sat. : 7 a.m. to 8 p.m.
Sun. : 8 a.m. to 5 p.m.

For More Information, E-mail our Staff

Ty Stoven, General Manager
Yosef Dolen, Assistant Manager
Sue Myafin, Child Care
James Michel, Health Services
Ron Chi, Membership
Marcia Lopez, Classes


Diamond Health Club ♦ 4317 Alvin Way ♦ Boise, ID 83701 ♦ (208) 555-4398
Your Year-Round Source for Fun Family Health

- Liên kết hình tương ứng với trang **home.html**
- Dữ liệu trên hàng “**Facilities ♦ Staff ♦ Hours**” là 3 internal link tương ứng

- Phần nội dung của heading cuối “For More Information, E-mail our Staff” là các **hyperlink email**:

- Ty Stoven, General Manager: tstoven@dmond-health.com
- Yosef Dolen, Assistant Manager: ydolen@dmond-health.com
- Sue Myafin, Child Care: smyafin@dmond-health.com
- James Michel, Health Services: jmichel@dmond-health.com
- Ron Chi, Membership: rchi@dmond-health.com
- Marcia Lopez, Classes: mlopez@dmond-health.com

3. Trong thư mục **Bai4** chứa file **member.txt**. Tạo trang **member.html**:



Classes
Memberships
Diamond Health Club

[Home Page](#) • [Facilities](#) • [Staff](#) • [Hours](#)

Membership Options

Diamond Health Club offers a variety of membership programs, including one sure to meet your specific needs and budget. Pick up a membership form at the club or [e-mail Ron Chi](mailto:rchi@dmond-health.com) to request one.

Individual memberships

You must be eighteen or older to qualify for an individual membership.

- **Gold:** Full access to the club and access to special Gold Member areas.
- **Full:** Full access to the club during all open hours.
- **Weekdays:** A low-cost option that allows you full access to the club from 10 a.m. to 3 p.m., Monday through Friday.
- **Evenings:** A discount program, allowing you access to the club from 5 p.m. to 10 p.m. every day of the week.
- **Early Bird:** A discount program, allowing you access to the club from 5 a.m. to 8 a.m., every day of the week.
- **Weekends:** Enjoy the club on Saturday and Sunday. Perfect for weekend warriors.
- **Seniors:** We provide special membership rates for individual seniors.

Family memberships

- **With child care:** This option is best for families who plan to use the children's play room, which is available for children ages 6 weeks to 12 years. The play room is open every day.
- **Without child care:** Save a little on your membership if your family won't need access to the play room.
- **Couples:** Memberships for married couples or domestic partners. Pick up a membership form for specific rules regarding eligibility.
- **Seniors:** We provide special membership rates for senior couples.

Temporary memberships

- **Monthly:** For our long-term visitors this membership provides access to the club for one month.
- **Weekly:** For short-time visits, this membership provides one week of access to the club.
- **Daily:** A daily pass to the club and all of its facilities.
- **Punch cards:** Our punch cards allow guests complete access to the Club (except child care facilities) for a specific number of full days. Punch cards make great gifts and are available for 5, 10, and 20 visits.
- **Special events:** Plan your parties and special work outings at the Diamond Health Club. Our onsite coordinator can meet your every need.

Diamond Health Club • 4317 Ahlin Way • Boise, ID 83701 • (208) 555-4398
Your Year-Round Source for Fun Family Health

4. Trong thư mục Bai4 chứa file class.txt. Tạo trang class.html:



Classes
Memberships
Diamond Health Club

[Home Page](#) ♦ [Facilities](#) ♦ [Classes](#) ♦ [Memberships](#) ♦ [Staff](#) ♦ [Hours](#)

Diamond Health Club Classes

Diamond Health Club offers several different classes for varying interests and abilities. To receive our current schedule, [e-mail Marcia Lopez](#).

Senior Classes

For our members 60 years and older

- Aerobics
- Yoga
- Stretch and Strengthen
- Water Aerobics

Adult Classes

For members older than 16

- Aerobics
- Kickboxing
- Yoga
- Circuit Training
- Water Aerobics
- Masters Swimming

Teen Classes

For ages 12 to 18

- Aerobics
- Basketball
- Gymnastics
- Weight Training
- Swim lessons
- Babysitting Certification

Children's Classes

For ages 5 to 11

- CardioKids
- Swim lessons
- Jumping rope

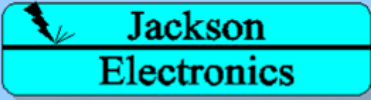
Diamond Health Club ♦ 4317 Alvin Way ♦ Boise, ID 83701 ♦ (208) 555-4398
Your Year-Round Source for Fun Family Health

Bài 5. Table

Classic Movie Day				
	5 pm	7 pm	9 pm	11 pm
Screen one	Star Wars	Empire Strikes Back	Return of the Jedi	The Exorcist
Screen two	Dances with Wolves		Gone With the Wind	
Screen three	2001: A Space Odyssey		The Conversation	5 Easy Pieces

All time list in central							
Time	Monday	Tuesday	Wenesday	Thursday	Friday	Saturday	Sunday
6:00	National news						
6:30	Local News						
7:00	Opera Fest	Radio U	Science	The living world	Word Play	Agri Week	Flok Fest
7:30					Brain Stew	Bismark Forum	
8:00	The Class musical connection				Old time Radio	Saturday Nite Jazz	The Indie Connection
8:30					The Inner Mind		
9:00					Open Mike Nite		
9:30					Relax		
10:00	World News Feed						

Bài 6. Form



Registration Form

Register your Jackson Electronics product here

First Name: Last Name:

Address #1:

Address #2:

City: State: Zip:

Country:

Product:

Date Purchased:

Serial #:

Used for:

☐ Home ☐ Educational Institution

☐ Business ☐ Other

☐ Government

System (check all that apply): ☐ Windows ☐ UNIX

☐ Macintosh ☐ Other

Comments?:

Contact Us

Your message:

To:

Your email:

Message:

Attach File: No file chosen

How you found us:

How did you hear of us:

Newsletter: ☒ Ensure this box is checked if you would like to receive email updates

Name:

Telephone Number:

Email:

Favorite Color:

Date of Birth:

July 2015

Sun	Mon	Tue	Wed	Thu	Fri	Sat
28	29	30	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	1

Bài 7.

1. Trong thư mục **Bai7** chứa các file logo.jpg, smith.jpg, smith.txt. Mở file smith.txt chứa nội dung của trang Web.
2. Thêm vào cấu trúc của 1 trang HTML bằng cách sử dụng các thẻ đóng mở như <html>, <head>, <title> với tiêu đề của trang cho phù hợp.
3. Sử dụng các tag tương ứng thiết kế 1 trang HTML theo nội dung. Các <tag> có thể sử dụng là:
, <p>,
, , , , <hr>, , <i>, <table>, <a>...