

IS113 Web Application Development I

Week 4 In-class notes

[G10]

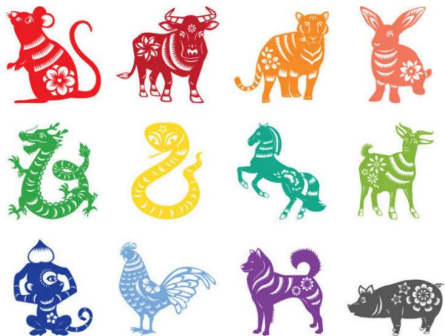
~ LAU Yi Meng ~

webroot

```
webroot --
|
|-- is113
|   |
|   |-- week4
|       |
|       |-- thurAM
|           |-- array
|               |-- array1.php
|               |-- array2.php
|           |-- cny
|               |-- cny_greeting.html
|               |-- cny_process.php
|               |-- cny_self_call.php
|           |-- zodiac
|               |-- zodiac_array.php
|               |-- zodiac_checkbox.php
|               |-- zodiac_radio.php
```

Zodiac Ex #1

- Given the indexed array and associative array, complete `zodiac_array.php` such that the following will be display the on the web browser.



<https://livejapan.com/en/article-a0000815/>

Array in PHP

← → ↻ ⓘ http://localhost/is113/week4/

Dynamic Ordered List - with Array

Indexed Array - for loop

1. Rat
2. Ox
3. Tiger
4. Rabbit
5. Dragon

Indexed Array - foreach loop

1. Rat
2. Ox
3. Tiger
4. Rabbit
5. Dragon

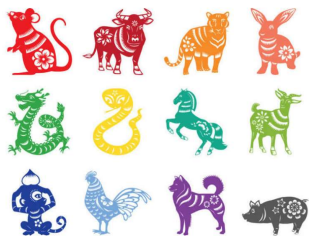
Indexed Array - Associative Array

1. Rat - 2008
2. Ox - 2009
3. Tiger - 2010
4. Rabbit - 2011
5. Dragon - 2012

`zodiac_array1.php`

Zodiac Ex #2

- Given the indexed array and associative array, complete `zodiac_radio.php` such that the following will be displayed on the web browser.
- Try out with POST and GET methods.



<https://livejapan.com/en/article-a0000815/>

Zodiac

Choose your zodiac:

☐ Rat

☐ Ox

☐ Tiger

☐ Rabbit

☐ Dragon

☐ Snake

☐ Horse

☐ Goat

☐ Monkey

☐ Rooster

☐ Dog

☐ Pig

- form processing – self-calling forms
- `$_GET`, `$_POST`

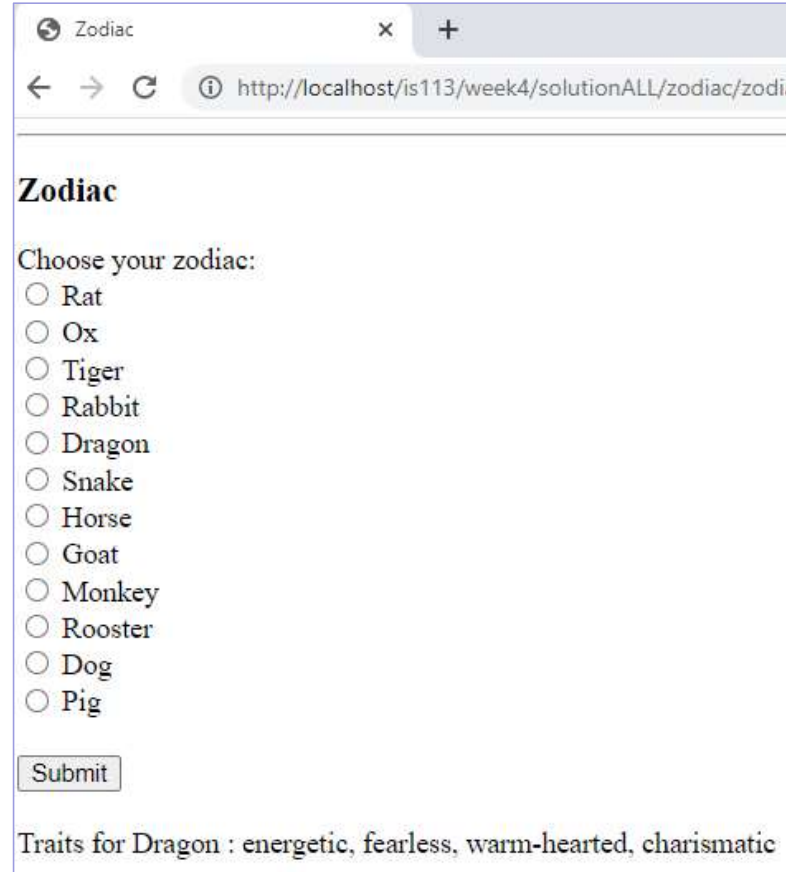
Zodiac Ex #2



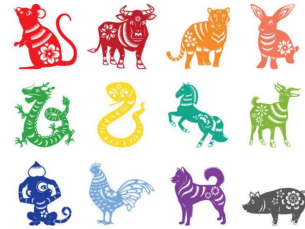
A screenshot of a web browser window titled "Zodiac". The address bar shows "http://localhost/is". The page content includes the title "Zodiac", a label "Choose your zodiac:", and a list of twelve zodiac signs, each preceded by an unselected radio button: Rat, Ox, Tiger, Rabbit, Dragon, Snake, Horse, Goat, Monkey, Rooster, Dog, and Pig. At the bottom of the list is a "Submit" button.

- Select "Dragon"
- Click Submit

Use method = "post"



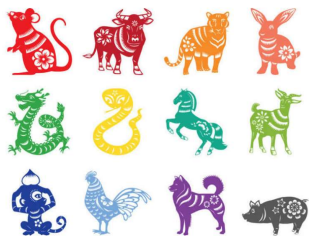
A screenshot of the same web browser window after the form has been submitted. The radio button for "Dragon" is now selected. The "Submit" button is still present. Below the list of zodiac signs, the text "Traits for Dragon : energetic, fearless, warm-hearted, charismatic" is displayed.



<https://livejapan.com/en/article-a0000815/>

Zodiac Ex #3

- Given the indexed array and associative array, complete `zodiac_checkbox.php` such that the following will be displayed on the web browser.
- Try out with POST and GET methods.



<https://livejapan.com/en/article-a0000815/>

- form processing – self-calling forms
- `$_GET`, `$_POST`

Zodiac Ex #3

Zodiac

Choose your zodiac:

- ☐ Rat
- ☐ Ox
- ☐ Tiger
- ☐ Rabbit
- ☐ Dragon
- ☐ Snake
- ☐ Horse
- ☐ Goat
- ☐ Monkey
- ☐ Rooster
- ☐ Dog
- ☐ Pig

Results

No selection made.

- User selects “Ox” , “Dragon”
- Click Submit



Results

Traits for Ox :

patient
kind
stubborn
conservative

Traits for Dragon :

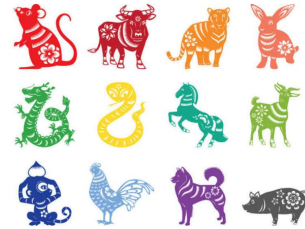
energetic
fearless
warm-hearted
charismatic

- User selects nothing
- Click Submit



Results

No selection made.



<https://livejapan.com/en/article-a0000815/>

Chinese New Year Ex #1

- `cny_greeting.html` will call `cny_process.php`
- Complete the codes in `cny_process.php` such that it displays the greetings based on user's selection.

If the user did not select any greetings, it will display

~~~~~ Stay at Home New Year ~~~~~

- Try out with POST and GET methods.



# Chinese New Year Ex #1

localhost/is113/week4/solutionA X

← → ↻ ⓘ http://localhost/

Year :

Zodiac :

☒ Rat

☐ Ox

☐ Tiger

☐ Rabbit

☐ Dragon

CNY Greetings :

☐ CNY Greeting 1

☐ CNY Greeting 2

☐ CNY Greeting 3

- Enter Year : 2021
- Selects "Ox" ,
- Selects CNY Greetings 1 & 3
- Clicks Submit



```

+++++
Welcome 2021
Year of the Ox
+++ Happy New Year +++
+++ Lucky and Wealthy +++
+++++
  
```

- Enter Year : 2021
- Selects "Ox" ,
- Did not select any Greetings
- Clicks Submit



```

+++++
Welcome 2021
Year of the Ox
~~~~~ Stay at Home New Year ~~~~~
+++++

```

- Did not enter anything.
- Clicks Submit



You need to indicate the Year and choose a Zodiac.

## Chinese New Year Ex #2

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- Merge `cny_greeting.html` and `cny_process.php` into `cny_self_call.php` to create a self calling form.
- Complete the codes in `cny_self_call.php` such that it prints the greetings based on user's selection.

If the user did not select any greetings, it will display

~~~~~ Stay at Home New Year ~~~~~

- Try out with POST and GET methods.

# Chinese New Year Ex #2



localhost/is113/week4/solutionA x +

← → ↻ ⓘ http://localhost/is113/w

You need to indicate the Year and choose a Zodiac.

Year :

Zodiac :

☐ Rat

☐ Ox

☐ Tiger

☐ Rabbit

☐ Dragon

CNY Greetings :

☐ CNY Greeting 1

☐ CNY Greeting 2

☐ CNY Greeting 3

- Enter Year : 2021
- Selects "Ox",
- Selects CNY Greetings 1 & 2
- Clicks Submit



localhost/is113/week4/solutionA x +

← → ↻ ⓘ http://localhost/is113/week4

+++++

**Welcome 2021**

**Year of the Ox**

**+++ Happy New Year +++**

**+++ Prosperity No. 1 +++**

+++++

Year :

Zodiac :

☐ Rat

☐ Ox

☐ Tiger

☐ Rabbit

☐ Dragon

CNY Greetings :

☐ CNY Greeting 1

☐ CNY Greeting 2

☐ CNY Greeting 3