AUCUNE DOCUMENTATION PERMISE

(10) 1. Comparez, sur au moins trois aspects, les avantages et désavantages du scripting client et du scripting serveur.

Php a besoin la Connexion Internet, Serveur, Outils / AJAX scripting client recharger la page sans charger le serveur

- (10) 2. Expliquez les différences entre les requêtes HTTP GET et POST.
- (10) 3. Expliquez ce qu'on entend par les cookies tiers (third-party cookies) et expliquez leur fonctionnement. Quels en sont les avantages et désavantages pour le client et pour le responsable du site?
- (10) 4. Expliquez ce qu'on entend par technologie AJAX. Quels mécanismes sont en jeu lors d'un appel AJAX ?

D'abord definition AJAX / repondre par un schema / mecanisme est le schema

- (10) 5. Quel est le rôle des systèmes de gestion de contenu (CMS) et comparez-les avec les frameworks de programmation serveur.
- (10) 6. Expliquez les spécificités de la recherche d'information sur le web et comment elle se distingue de la recherche d'information dans une base de documents traditionnelle. Donnez trois points de comparaison.
- (10) 7. Qu'est-ce qui différencie le web des autres moyens de diffusion d'information tels que la télévision, la radio ou les journaux. Définissez les notions de push et de pull. Expliquez elles comment s'appliquent au web et aux autres types de diffusion.

Soumettre

Furious 7	大	$\dot{\pi}$	大	†	\star
Cendrillon	*	*	*	*	大
La passion d'Augustine	*	*	*	rk	*

 Furious 7
 ★ ★ ★ ★

 Cendrillon
 ★ ★ ★ ★

 La passion d'Augustine
 ★ ★ ★ ★ ★

Soumettre

</html>

(30) 8. Pour un système de comptabilisation d'évaluations de films, vous devez développer une interaction en PHP qui affichera une page avec des titres de films et des étoiles pâles (en CSS: opacity:0.3) comme sur la figure de gauche ci-dessus. Quand l'usager clique sur une étoile, cette étoile revient à la normale (en CSS, on enlève la déclaration sur opacity) ainsi que sur les étoiles à sa gauche. Dans la figure de droite, l'usager a cliqué sur la quatrième étoile de la première ligne, la deuxième de la deuxième ligne ainsi que la troisième de la troisième ligne. Le numéro de l'étoile cliquée est conservé dans un champ caché associé à la liste des étoiles. La page HTML est organisée comme suit:

```
<html>
   <head> .... </head>
   <body>
      <form action="MiseAJourFilms.php" method="get" accept-charset="utf-8" id="form">
          Furious 7
                <img class="off" width="16" src="etoile.png"><!-- répété 5 fois -->
                    <input id="L1" type="hidden" name="film1">
                Cendrillon
                 <img class="off" width="16" src="etoile.png"><!-- répété 5 fois -->
                    <input id="L2" type="hidden" name="film2">
                La passion d'Augustine
                <img class="off" width="16" src="etoile.png"><!-- répété 5 fois -->
                    <input id="L3" type="hidden" name="film3">
                <input type="submit" value="Soumettre">
      </form>
   </body>
```

La feuille de style CSS correspondante est celle-ci:

```
.off { opacity:0.3 }
img {vertical-align:middle;}
table{ border:1px solid black; border-collapse:collapse; }
td { border:1px solid black; padding:2px; }
```

- (10) (a) Donnez le code Javascript (vous pouvez supposer que *jQuery* est déjà chargé) pour gérer l'affichage des choix des étoiles à associer à chaque film et pour ajouter l'information dans le champ caché associé à un groupe d'étoiles.
- (10) (b) Soit la structure MySQL suivante de la table films de la base de données : mysql> describe films;

 -	Field	1	Туре					Default		
Ì	id	Ì	varchar(10)	Ì	YES	i	i	NULL	i	i
1	titre		varchar(30)	1	YES	1	1	NULL	1	ĺ
1	etoiles	1	int(11)	1	YES	1	1	NULL	1	1

Donnez le code PHP pour générer la page HTML donnée ci-haut. Vous pouvez supposer que la connexion à la base de données a déjà été établie. Il n'y a que trois enregistrements dans la base de données qui correspondent aux trois films ci-haut.

(10) (c) Donnez le code PHP qui traitera les réponses de l'usager et qui ajoutera le nombre d'étoiles indiqué pour chaque film au nombre d'étoiles choisi dans la base de données pour chaque film.

SQL CHEAT SHEET

http://www.sqltutorial.org

SOL SELECT STATEMENTS

SELECT * FROM tbl

Select all rows and columns from table tbl

SELECT c1,c2 FROM tbl

Select column c1, c2 and all rows from table tbl

SELECT c1.c2 FROM tbl

WHERE conditions

ORDER BY c1 ASC, c2 DESC

Select columns c1, c2 with where conditions and from table tbl order result by column c1 in ascending order and c2 in descending order

SELECT DISTINCT c1, c2

FROM tbl

Select distinct rows by columns c1 and c2 from table thl.

SELECT c1, aggregate(expr)

FROM tbl

GROUP BY c1

Select column c1 and use aggregate function on expression expr. group columns by column c1.

SELECT c1, aggregate(expr) AS c2

FROM tbl

GROUP BY c1

HAVING c2 > v

Select column c1 and c2 as column alias of the result of aggregate function on expr. Filter group of records with c2 greater than value v

SQL UPDATE TABLE

INSERT INTO tbl(c1,c2,...)

VALUES(v1,v2...)

Insert data into table tbl

INSERT INTO tbl(c1,c2,...)

SELECT c1.c2.. FROM tbl2

WHERE conditions

Insert data from thl2 into thl

UPDATE t

SET c1 = v1, c2 = v2...

WHERE conditions

Update data in table tbl

DELETE FROM tbl

WHERE conditions

Delete records from table tbl based on WHERE conditions.

TRUNCATE TABLE thl

Drop table tbl and re-create it, all data is lost



SOL TABLE STATEMENTS

CREATE TABLE tbl(

c1 datatype(length)

c2 datatype(length)

PRIMARY KEY(c1)

Create table tbl with primary key is c1

DROP TABLE tbl

Remove table tbl from database.

ALTER TABLE tbl

ADD COLUMN c1 datatype(length)

Add column c1 to table tbl

ALTER TABLE tbl

DROP COLUMN c1

Drop column c1 from table tbl

SOL IOIN STATEMENTS

SELECT * FROM thl1

INNER JOIN tbl2 ON join-conditions

Inner join table tbl1 with tbl2 based on joinconditions.

SELECT * FROM tbl1

LEFT JOIN tbl2 ON join-conditions

Left join table tbl1 with tbl2 based on joinconditions.

SELECT * FROM tbl1

RIGHT JOIN tbl2 ON join-conditions

Right join table tbl1 with tbl2 based on joinconditions.

SELECT * FROM tbl1

RIGHT JOIN tbl2 ON join-conditions

Full outer join table tbl1 with tbl2 based on joinconditions.

```
Fort me on Cityles
                                                                                                                                                                                                                                                                                         AJAX
Low-Level Interface
pXHR [Quary.ajax( options. [settings] )
 Selectors
Basics
#Id
element
                                                                                                         Core
|Query function
                                              Hierarchy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Shorthand Methods
                                             ancasto
descend
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                                                                                                                                                                                                                                                                                                         R JQuery.ajawi (opens, (settings))

bool sync a true

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and context

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in datafitter(data, b)

bool global true

bool global true

bool procesulata e true

map statusCode

in the

true datafyte = (kmt, json, scrupt, thiml)

in success(data, statu, gzHR)

JQuery.ajaxsfetup(options)
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dass.dass
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                                               prev +
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pXHR iQuery.getScript( url [, fr( data, status )] )
 selector1,
                                                                                                                   def .when(deferreds)
fit [Query.sub()
$ .holdReady(hold)
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                                              Content
Filters
 Basic Filters
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                                              | Izontalna(text | Journy Object Accessors | sempty | sem
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    .ajaxCompleter fn( event, XHR, options ) }
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ajaxError( hr event, XHR optons, brownError ) )
3. ajaxSend( hr event, XHR, optons ) )
3. ajaxSent( hr ) )
5. ajaxSent( hr ) )
5. ajaxSent( hr ) )
5. ajaxSent( hr event, XHR, optons )
                                             Validity
Fillers
chidden
                                                                                                                                                                                                                                                                                          Liscellaneous

60 .serialize()

[cbi] .serializeArray()

$\foating{\text{transform}} \text{Query.paramy obj. [tradeonal]} \)
                                  Child Filters
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child(expr)
ifirst-child
ilast-child
ionly-child
                                             Form Fitters
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                                                                                                                           .attr(name | name , value )
.attr(name , val | map | name, fn(index, attr) )
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Event Handling
3.on( events [. selector] [. data], hander ) 1.7e
3.on( events—tap [. selector] [. data]) 1.7e
3.on( events—tap [. selector] 1.7e
3.off( events—map [. selector]) 1.7e
5. bind( type [. data, ], hise
3. bind( smy)
5. bind( type [. data], hise
5. bind( type [. data], hise
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50. trigger (event [. data])
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isubmit
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                                                                                                                                                                                                                                                                                                          Positioning
                                                                                                                      $ prop(name)
$ ,removeProp(name)
                                                                                                                                                                                                                                                                                                                 obj .offset()
                                                                                                                                                                                                                                                                                                                  $ .offset( coord | fr( index, coord ))
$ .offsetParent( )
                                                                                                        Class

3 .addClass( class ] fixindex, class) )
bool .hasClass( class )
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int .scrollTop()
3 .scrollTop(vsi)
rd .scrollLeft()
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et .html()

3 .html(val | fn(ndex html))
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$ .height(val | fr(ndex, height))
int .width()

$ width(val | fr(ndex, height)).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           .undelegater (selector, type, [handler]]) | selector, events | name
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$ width(val | In(index, height))

at .innerHeightt;

if .innerWidth()

int .outsrHeight([includeMarph])

$ outsrHeight(.includeMarph])
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$ .live(eventType [, data], fn() )

$ .die(), .die([eventType][, fn()])
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                                                                                                                     $ .text( val | friender, html) )
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strar_val()
$ .val(val | fn())
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.outerWidth( (ncludeNargn))

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5 .blur,

.change,

.click,

.dbfclick,
Traversing
Filtering

5. aq(index)
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5. (Last)
5. (Last)
5. (Last)
6. (Ritar( selector ), ... (Ritar( selector ))
6. (Ritar( selector ), ... (Ritar( selector ))
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focuse,
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focuses,
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keydown,
keydown,
keyup,
lead; (deta ] fn ),
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$ .prependiro( target )
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              .mouseup,
.restze,
.scroii,
.select,
.submit,
.unicad([csts.] in)
                                                                                                                                                                                         1.7 |nserting Outside

$ .after( content | fn() )
         ool | let selector | function(index) | jQuery object | ek 
3 .map( hijndex, element) | 5 .nott selector), .nott selector), .nott selector), .nott selector), .nott nidex }) 
5 .silcev start [, end] }
                                                                                                                                                                                                          5 .before( content | fn() )
5 .insertAfter( target )
5 .insertBefore( target )
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Effects
Bascs
$.shew({duration(,easing[,fn])}
$.hide((duration(,easing[,fn]))
1.toggle((showOrktob))
$.toggle((duration(,easing[,fn])))
                                                                                                                                                                                                Inserting Around
$ ,wmwrapr)
$ ,wrap( wappingElement | fri)
 Tree traversal $ .children([enlector])
                   .closest( selector [, context] | ¡Guery object | element ) .closest( selectors [, context] ) removed
                                                                                                                                                                                                                   .wrapAll(wrappingElement | fn )
                   .find( selector | ¡Guery object | element )
.nextAll( [selector] )
                                                                                                                                                                                                           1 .wrapinner( wrappingElement | fn )

3. slideDown( dussor: [, eeeng] [, h) )
5. slideUp( durson [, eeeng] [, h) )
5. slideToggle( [durson] [, eeeng] [, h) )
                                                                                                                                                                                               Replacing
                    .nextUntil([selector])
.offsetParent()
                                                                                                                                                                                                           s.replaceWith(content | h)
replaceAll(selector)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Fading

$ fadeIni duration [.eesing][ ht] 
$ fadeOut duration [.eesing[[ ht] ) 
$ fadeOut duration [.eesing[[ ht] ) 
$ fadeTeggle( [duration.] [ eesing[[ ht] ) 
$ fadeTeggle( [duration.] [ eesing[[ ht] ) 
}
                                                                                                                                                                                             Removing
$ .detach([salector])
$ .empty()
$ .remove([solector])
                   .parents([eelector])
                  .parentsUntil(|se
.prev(|selector|)
.prevAll(|selector|
                                                                         i fre
           S .prevUntil((selector))
                                                                                                                                                                                               Copying
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3. animate: perami [. duraton] [. eseng] [. fn] )

3. animate: perami, optoces )

5. atop: (queue) [. desrQueue] [. jumpToEnd] ) 1.7*

5. delay( duraton [. queueName] )
 Miscettaneous
                                                                                                                                                                                                                   .clone: [wthDataAndEvents]; [deepVáthDataAndEvents] )
          3 .add(selector[.context] elements [ html)
5 .andSelf()
5 .contents()
8 .and()
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Settings
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             bool jQuery.fx.off
rum jQuery.fx.interval
                                                                                                                                                                                                                                                                                                                                                                                                              Utilities
Snowser and Feature Delection
on Jquery.support
obj Jquery.browser deprecated
st Jquery.browser.version des
bool Jquery.boxModel deprecated
 Event object
                                                                                                                                                          Deferred
                                                                                                                                                                                                                                                                                                Callbacks
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                deferred object = {
                                                                                                                                                                                                                                                                                                               calbacks object = { 1.7*
und .add(calbacks)
!basid:|)disable()
                event a (
al currentTarget,
data,
bool isDefaultPrevented(),
                                                                                                                                                                              def .ahways(ahwaysCaltbacks [.ah def donse(dons Catbacks) def fall ha(Catbacks) hoci isRejected() deprecated bool isResolved() deprecated so state() 1.8 def .notify(arys) 1.7 def
                                                                                                                                                                                                                                                                                                                      (hytheme, bru
and .fire(argue
                      isImmediatePropagationStopped(),
bod isPropagationStopped(),
in Amenace
rum pageax,
rum pageax,
perventDefautt),
et relatedTarget,
obj result,
                                                                                                                                                                                                                                                                                                                   ('berff, food
und
                                                                                                                                                                                                                                                                                                                                                                                                               Basic operations
                                                                                                                                                                                                                                                                                                                  sind
.fireWith([cor
bool .has(calback)
und .tecle()
bool .tecked()
                                                                                                                                                                                                                                                                                                                                                                                      ext[], ergs[job; [Query.each( obj. fn( i, value OfElement ) )
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   data/ key, vel | obj )
                                                                                                                                                                                                                                                                                                                                                                                                                  def .notifyWith(cornext, [args]) 1.7+
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 .removabatai (name) [list]) 1.7*
.queue (name) (name) (queue) (name) (na
                                                                                                                                                                                stopImmediatePropagation(),
stopPropagation(),
at arget,
num timeStamp,
st type,
st which
                                                                                                                                                                                 ost .progress/ progressCalbacks } 1.7* S.Callbacks/ fags ) def reject(e/nys) def rejectWith(context, [arys]) def rejectWith(context, [arys])
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Test operations
as [Quary.type|ob|)
bood [Quary.type|ob|)
bood [Quary.takrnay.ob|)
bood [Quary.takrnay.ob|)
bood [Quary.takvnation|ob|)
bood [Quary.takvnation|ob|)
bood [Quary.takvnation|ob|]
bood [Quary.takvnation|ob|]
bood [Quary.takvnation|ob|]
                                                                                                                                                                                  def resolve@args])
def resolveWith(context, [ergs])
                                                                                                                                                                                 str state()
                                                                                                                                                                                                                           eCalibacks, faiCalibacks [, progressCalibacks]) 1.7*
                                                                                                                                                               def .promise([tugel])
```

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/dream - in - code > Programming & Web Development Community

0100101001010:181018:101007019101801011101011010

PHP Reference Sheet

Basics

```
Data Types
integer, float, boolean, string, array, object, resource, NULL.
Sveriablename = cusicie>
Sanothervariable = & Svariablename; (Assign by Reference)
Declare Array
Sarrayname = array();
Initialize Array
Sarrayname = array(<velue1>, <velue2>, <velue3>);
Sarrayname = array(<key> => <velue>, <key> => <velue>); (Define Keys)
Smultlarray = array(<key> => array(<value1>,<value2>)); (Multl-dimensional)
Common Array Functions
sort(<array>); (Sort array assigns new keys)
asort(<array>); (Sort array maintain keys)
rsort(<array>); (Sort array in reverse, new keys)
raori(-array-), (Sort array in reverse, new keys)
count(-array-); (Count elements)
count(-array-); (Count elements)
count(-array-, COUNT_RECURSIVE); (Count multidimensional array)
array_push(-array-, -value-); (Push item onto end of array)
array_pop(<array>); (Pop item off end of array)
// Comment text
/* Multi-line comment text */
# Comment text
Arithmetic Operators

* (Addition), - (Subtraction), * (Multiplication), / (Division), % (Modulus)
                   == (Equal with type comparison), I= (Not equal), <> (Not equal), I== (Not Equal
with type comparison), < (Less than), > (Greater than), <= (Less than or equal to), >=
(Greater than or equal to)
Logical Operators
I (logical NOT), && (logical AND), || (logical OR), xor (logical XOR)
= (Assign), += (Addition), = (Subtraction), *= (Multiplication), /= (Division), = (Concatenation), %= (Modulus), &= (And), |= (Or), ^= (Exclusive Or), <<= (Left Shift), >>=
(Right Shift)
String Concatenation
 (Period)
String Manipulation
substr(<string>,<start>,[<lengtr>]);
 strien(<string>);
trim(<string>);
itrim(<string>); // Trim left
rtrim(<string>); // Trim right
strtolower(<string>);
strtoupper(<string>);
str_replace(<search>,<replace>,<string>,[<count>]];
strpos(<string>, <search>);
stromp(<ating1>,<ating2>); (Binary safe string comparison) stroasecmp(<string1>,<string2>); (Binary safe case-insensitive comparison) explode(<delim>,<string>,[<limit>]); (Break string into array) implode(<delim>,<array>); (Join array into string separated by delim)
setcookie (<cookiename>, [<value>],[<expire_time_in_secs_since_epoch>]);
$_COOKIE['cookiename']; (Returns value of cookie)
Sessions
session_start(); (Create session)

$_SESSION['key_name'] = value; (Set session variable)

$variablename = $_SESSION['key_name']; (Retrieve value from session variable)
session_destroy(); (Destroy session)
Error Handling
     <statements that may cause arror>;
catch (<Exception Class> Sexception_name)
   <statements to execute when error is caught>.
```

```
Super Globals
$GLOBALS (Access all global variables in script)
S SERVER (Access web server variables)
  GET (Values passed to script through URL)
S_POST (Values passed to script through HTTP Post)
S_COOKIE (Values passed by user cookie)
S_FILES (Values passed by HTTP Post File Uploads)
$ ENV (Values passed to script via the environment)
$_REQUEST (Values passed by URL, HTTP Post, or user Cookies)
$_SESSION (Values passed through user's session)
# Else
If (<condition 1>)
{ <statement 1>; } elseif (<condition 2>)
 { <statement 2>, }
  { <statement 3>; }
inline if (Ternary)
<condition> ? true : false
for (<initialize> <condition> <update>)
  <statements>,
For Each Loop
foreach (<array> as [<value> |<key> => <value>])
   <statements>;
   (break)
  [continue]
While Loop
while (<condition>)
  <statements>;
Do-While Loop
   <statements>;
) while (<condition>);
switch (<expression>)
  case <literal or type>
     <statements>
    [break;]
  case <literal or type>
     <statements>
     [break;]
  default
     <statements>;
Function Structure
function <function_name>([<parameters>])
   <statements>
  (return <value>:)
class <class_name> [<extends base_class>]
   [var | <modifiers*>] [<class member variables>];
   [<modifiers*>] function <function_name>([<parameters>])
     <statements>:
* Modifiers <public | pr lvate | static> are implemented in PHP5
Declare and Use Class
Svariable = new class_name();
$variable->function_name();
class_name_function_name(); (Static call)
```