

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.

Furious 7	★ ★ ★ ★ ★
Cendrillon	★ ★ ★ ★ ★
La passion d'Augustine	★ ★ ★ ★ ★

Furious 7	★ ★ ★ ★ ★
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La passion d'Augustine	★ ★ ★ ★ ★

- (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'utilisateur 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'utilisateur 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">
      <table>
        <tr>
          <td>Furious 7</td>
          <td>
            <!-- répété 5 fois -->
            <input id="L1" type="hidden" name="film1">
          </td>
        </tr><tr>
          <td>Cendrillon</td>
          <td>
            <!-- répété 5 fois -->
            <input id="L2" type="hidden" name="film2">
          </td>
        </tr><tr>
          <td>La passion d'Augustine</td>
          <td>
            <!-- répété 5 fois -->
            <input id="L3" type="hidden" name="film3">
          </td>
        </tr>
      </table>
      <p><input type="submit" value="Soumettre"></p>
    </form>
  </body>
</html>
```

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	Type	Null	Key	Default	Extra
id	varchar(10)	YES		NULL	
titre	varchar(30)	YES		NULL	
etoiles	int(11)	YES		NULL	

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'utilisateur et qui ajoutera le nombre d'étoiles indiqué pour chaque film au nombre d'étoiles choisi dans la base de données pour chaque film.

Cet examen comporte 8 questions pour un total de 100 points.

Bonne chance

SQL CHEAT SHEET

<http://www.sqltutorial.org>

SQL 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 tbl.

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 tbl2 into tbl

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 tbl

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

✿ SQL 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

SQL JOIN STATEMENTS

SELECT * FROM tbl1

INNER JOIN tbl2 ON join-conditions

Inner join table tbl1 with tbl2 based on join-conditions.

SELECT * FROM tbl1

LEFT JOIN tbl2 ON join-conditions

Left join table tbl1 with tbl2 based on join-conditions.

SELECT * FROM tbl1

RIGHT JOIN tbl2 ON join-conditions

Right join table tbl1 with tbl2 based on join-conditions.

SELECT * FROM tbl1

RIGHT JOIN tbl2 ON join-conditions

Full outer join table tbl1 with tbl2 based on join-conditions.

Fork me on GitHub

Selectors

Basics

`$.element`

`$.class`

`$.class.class`

`$.selector`

`$.selector2`

`$.selector3`

`$.selector4`

`$.selector5`

`$.selector6`

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