



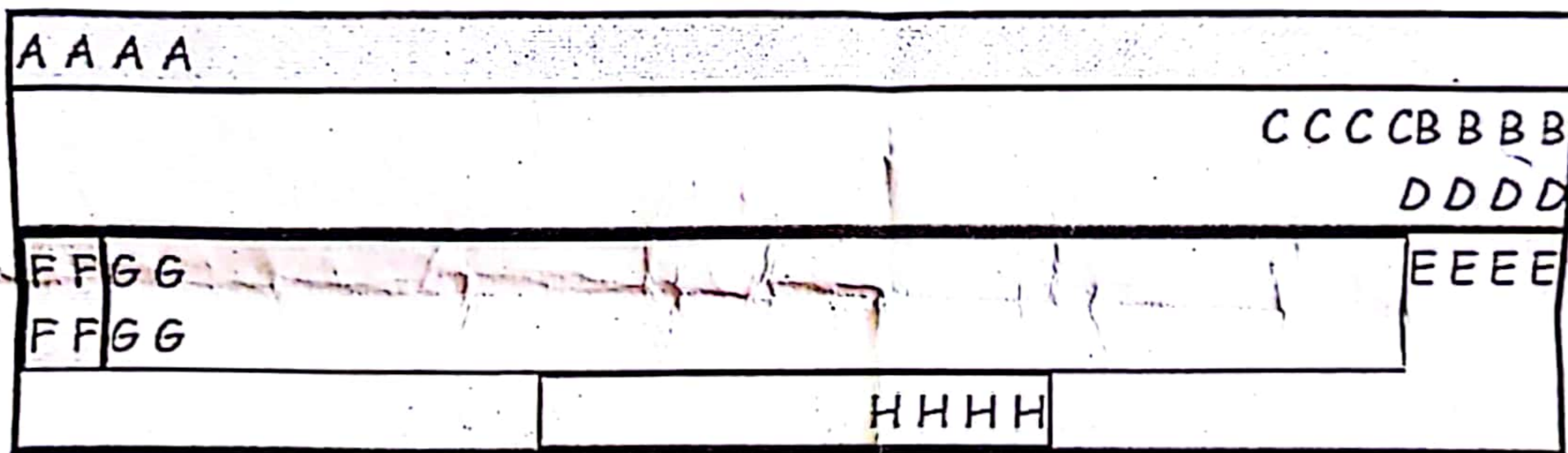
الامتحانات النهائية للفصل الثالث  
من العام الجامعي 2020-2021

Web

المادة: تصميم وتطوير المواقع الإلكترونية المدة: ساعة ونصف الساعة الأستاذ: د. حياة ناصر	المرحلة : الاولى السنة المنهجية: الثانية الاختصاص: علم البيانات
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**Question 1: HTML and CSS (20 points)**

Write the CSS code necessary to recreate the following appearance on-screen, exactly as shown. The page uses the HTML code below. You are not allowed to modify the HTML.



```

<div>
  <div class="id">A A A A</div>
  <div>
    <span>B B
      B B</span>
    <span id="id">C C C C</span>
    <span class="class">D D D D</span>
  </div>
  <div class="class">
    <span>E E E E</span>
    <div class="id">F F<br />F F</div>
    <div id="class">G G<br />G G</div>
    <div id="H">H H H H</div>
  </div>
</div>
    
```

Text now uses Comic Sans MS font at the default size.  
 All borders shown are 2px thick and black in color.  
 The elements "A" and "F" have yellow background.  
 The element "D" now has *italic* text.  
 The element "H" is now each exactly one third (1/3) of the page width, in the page center, the "H H H H" text appears on the right edge of the element.

**Question 2: PHP (30 points)**

Write PHP code that processes the following form:  
 Your code should examine the name, password, and credit card number submitted, and verify that they are valid. A valid name is any non-empty string. A valid password is any string that is at least 6 characters long. A valid credit card number contains exactly 16 digits.

<input type="text"/>	Name
<input type="password"/>	Password
<input type="text"/>	Credit Card Number
<input type="submit" value="Submit"/>	

Your PHP code has output should be, whether the data was valid or invalid, a paragraph containing the data itself separated by commas. Replace the password by a string of \* characters of equivalent length. Strip any dashes out of the credit card number while displaying it. Use regular expressions for pattern matching and replacement. For example, here are some outputs of your script for various form input:

Form Input	Output
name: Marty pw: booyah! cc: 1234567812345678	Successful. Marty, *****, 1234567812345678
name: Kenneth pw: hulk cc: 11112222-33334444	Denied! Invalid data. Kenneth, ****, 1111222233334444
name: Jeff pw: quailman cc: 4321-4321x-4321-43210	Denied! Invalid data. Jeff, *****, 43214321x432143210

### Question 3: PHP and MySQL (50 points)

We want to develop an application that allows the user to perform the various operations on the "exercise" table: exercise (id, title, autor, date\_creation). Assume that the table "exercise" already exists in the database.

Use this parameter:

```
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "question3";
```

Develop a php page, which allows adding a new exercise, retrieves and displays the list of exercises in the form of a table:

Add an exercise

Title

Autor

Date

Id	Title	Autor	Date	Action	
				Modify	Delete
1	Title1	Autor1	20/02/2020	Modify	Delete
2	Title2	Autor2	30/03/2021	Modify	Delete

The "Modify" link sends to a page, which retrieves the exercise by its id, displays it on a form in order to allow the user to modify it.

The "Delete" link sends to a page, which deals with the deletion of the exercise.

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