

ISTE240 – Practice Practical

Overview

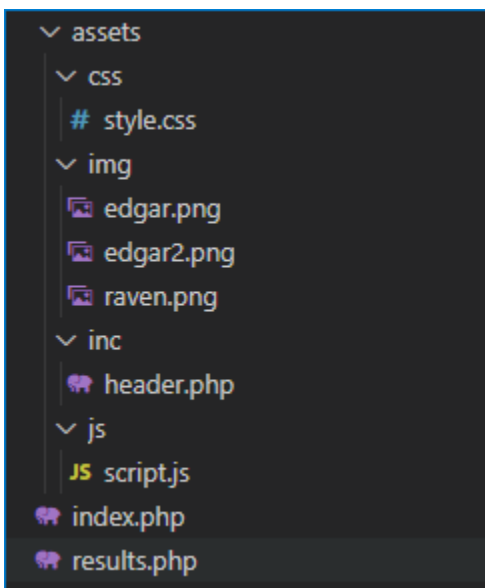
You will design and complete a web page that contains CSS and some JavaScript. The raw text file (raven.txt) and three jpgs for the project are in the zip file. Also, to see the final result, check the video on mycourses.

This assignment is only to help you study. It does not need to be submitted.

Setup

Create a folder on your desktop called “YOURLASTNAME-240Final” where you replace the “YOURLASTNAME” with your own last name – last name ONLY! Within this directory, create a file called index.php, and create a folder called assets. In assets folder create folders inc, css, js and img. In inc folder you’ll keep your header.php file, in css folder your style.css file, in js folder your script.js file and in img folder the images.

The folder structure should look like this:



Part 1: CSS Text Formatting

1. Use an external style sheet (also know how to do an embedded style). Create rules to:
 - a. Set the background color to lightgray
 - b. Set the title of the page to “The Raven” in 38pt Helvetica black.
 - c. Set the text in each paragraph to 10pt Helvetica bold
 - d. Set the first letter of each stanza to twice as large as the rest of the text. Set the color to red.
 - e. Use the image (raven.jpg) as a background for the title and tile it across the top of the page in a single horizontal row.
 - f. Control your button text color so when you hover over the button "THE END" text color of the button changes to violet.

Part 2: CSS Positioning

1. Within your style sheet:
 - a. Set the text into 3 columns each with an equal width relative to the viewport. The first 3 stanzas should be in column1, then 2 more stanzas each in column 2 and column 3.
 - b. There should be a some space between columns.
 - c. The middle column should contain the graphic (raven.png) located between a stanza above and below it.
2. Align the image (edgar.jpg) so that it is centered to its column. Check all your spacing and make adjustments as necessary.
3. Put your name below the (edgar.jpg) in the middle column.

Part 3: Modular site

1. For the Part 5, you'll need additional page (results.php) that will display the average grade for scariness of the The Raven story. Both index.php and results.php should share the same header.
 - a. In inc folder, create header.php file and cut/paste code from index.php
 - b. Include header.php file in both, index.php and results.php files.

Part 4: JavaScript

1. Create JavaScript to:
 - a. Create a simple inline rollover on the graphic (edgar.jpg) in the middle column using the provided rollover graphic (edgar2.jpg) (
 - b. Change the color of the text in the title "The Raven" when the mouse goes over it and back when off **using JavaScript**.
 - c. Clicking on the graphic (edgar.jpg or edgar2.jpg) should load your home page in a new window. (**don't use <a> tag**, do it with a JavaScript function.)

Part 4: PHP & Database

When the button "The End" is clicked display a "violet" form that should save the information on the form via php.

1. When the button "The End" is clicked, it should toggle the visibility of the form
2. Create a simple form in column 3, with number input, and a text box
3. Using adminer to create a table called practical with three columns, id (int auto incremented), name (varchar length 15) and grade (int)
4. In the results.php page connect to your database and list all information from the table practical.
5. Have the action of the form call a results.php page and pass the values using GET method. On the server side check whether both fields are populated. If they are not ask user to go back and fix the input.
6. If the input is correct add the values to the database using prepared statement.
7. While getting the data from the table calculate the average grade and display the result.
8. See screen shots provided for a sample of the form.

Examples

The Raven


by Edgar Allan Poe

Once upon a midnight dreary, while I pondered,
weak and weary, Over many a quaint and
curious volume of forgotten lore— While I
nodded, nearly napping, suddenly there came a
tapping, As of some one gently rapping, rapping
at my chamber door— "'Tis some visitor," I
muttered, "tapping at my chamber door— Only
this and nothing more."

Ah, distinctly I remember it was in the bleak
December; And each separate dying ember
wrought its ghost upon the floor. Eagerly I
wished the morrow;—vainly I had sought to
borrow From my books surcease of sorrow—
sorrow for the lost Lenore— For the rare and
radiant maiden whom the angels name Lenore—
Nameless here for evermore.

And the silken, sad, uncertain rustling of each
purple curtain Thrilled me—filled me with
fantastic terrors never felt before; So that now, to
still the beating of my heart, I stood repeating,
"'Tis some visitor entreating entrance at my
chamber door— Some late visitor entreating
entrance at my chamber door;— This it is and
nothing more."

Presently my soul grew stronger; hesitating
then no longer, "Sir," said I, "or Madam, truly
your forgiveness I implore; But the fact is I was
napping, and so gently you came rapping, And so
faintly you came tapping, tapping at my chamber
door, That I scarce was sure I heard you"—here I
opened wide the door;— Darkness there and
nothing more.



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Open here I flung the shutter, when, with many
a flirt and flutter, In there stepped a stately
Raven of the saintly days of yore; Not the least
obeisance made he; not a minute stopped or
stayed he; But, with mien of lord or lady, perched
above my chamber door— Perched upon a bust
of Pallas just above my chamber door— Perched,
and sat, and nothing more.

And the Raven, never flitting, still is sitting, still
is sitting On the pallid bust of Pallas just
above my chamber door; And his eyes have all
the seeming of a demon's that is dreaming, And
the lamp-light o'er him streaming throws his
shadow on the floor; And my soul from out that
shadow that lies floating on the floor Shall be
lifted—nevermore!

THE END

The Raven


by Edgar Allan Poe

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weak and weary, Over many a quaint and curious
volume of forgotten lore— While I nodded, nearly
napping, suddenly there came a tapping, As of
some one gently rapping, rapping at my chamber
door— "'Tis some visitor," I muttered, "tapping at
my chamber door— Only this and nothing more."

Ah, distinctly I remember it was in the bleak
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and so gently you came rapping, And so faintly you
came tapping, tapping at my chamber door, That I
scarce was sure I heard you"—here I opened wide
the door;— Darkness there and nothing more.



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my soul from out that shadow that lies floating on
the floor Shall be lifted—nevermore!

THE END

How scary is the story?:

5

First Name

Submit

The Raven

By Edgar Allan Poe

Please go back and correct your input

Overall results:

- Ante got scared 1
- Alan got scared 5
- John got scared 10
- Peter got scared 9
- Martin got scared 6
- Ben got scared 8
- Luka got scared 1
- Mary got scared 2
- Kathy got scared 3
- Dominic got scared 1
- Steven got scared 10
- Demetric got scared 1
- Nick got scared 2
- Dorian got scared 1
- Drake got scared 1
- Stribor got scared 1
- Thanos got scared 10

Average scare level is: 4.24

The Raven

By Edgar Allan Poe

SpongeBob got this much scared: 2

Overall results:

- Ante got scared 1
- Alan got scared 5
- John got scared 10
- Peter got scared 9
- Martin got scared 6
- Ben got scared 8
- Luka got scared 1
- Mary got scared 2
- Kathy got scared 3
- Dominic got scared 1
- Steven got scared 10
- Demetric got scared 1
- Nick got scared 2
- Dorian got scared 1
- Drake got scared 1
- Stribor got scared 1
- Thanos got scared 10
- SpongeBob got scared 2

Average scare level is: 4.11