StudioWeb

EASY FOR TEACHERS TO TEACH. EASY FOR STUDENTS TO LEARN!

StudioWeb is an interactive video question and answer training system. We focus on teaching the key basic concepts and techniques of web design and web programming.

Your students will walk away with practical web design skills!

Summary

What does StudioWeb provide for the student, teacher and school?

1. Student: easy to follow courses that encourages participation with a game-like experience.

2. Teacher: StudioWeb provides the course structure, testing, scoring and monitoring.

3. School: Measurable results. Students come away with practical skills that can be demonstrated - they actually learn to build websites.

Our Mission

The StudioWeb system was born out of the idea that anyone can learn web design and development.

StudioWeb is designed to assist teachers in the classroom (age 12yrs +) by providing a series of easy to understand video training courses on the key Web technologies: HTML, CSS, JavaScript and PHP.

Courses are made up of short video tutorials supported by multiple choice quizzes and code challenges where students actually put to use the code techniques they are learning!

Our Learning Philosophy

Our courses were designed by experienced teachers and web professionals. Your students will be learning from practical video courses that actually teach real-world skills.

- Learning isn't a passive process. Our interactive system encourages users to actively test their knowledge.
- Points and badges are intended to provide a sense of progress and accomplishment. We don't want people to fear trying.
- Each question and coding challenge offers help through hints, but this costs major points! We want students to be self reliant.
- Our courses have no time limit on completion. Different people learn at different rates and we feel that in real life, some projects can take more time than others.

Our Courses

The [StudioWeb courses](#) can be broken down into two basic categories: Foundation courses and project courses.

Foundation courses provide the foundation training in the languages and concepts that are key to modern web design and programming. The project based courses build from the foundation courses and allow students to develop practical web design and programming skills while building something useful.

Interactive Learning

Our interactive quizzes and coding challenges reinforce what your students are learning, allowing them to test their knowledge as they progress through the courses.

There are three types of questions: multiple choice questions, coding challenges and chapter review questions.

- **Multiple Choice Questions**: Tests how well the students understand the theory

- **Coding Challenges**: Students complete coding challenges by writing actual code and checking the results directly within the browser
- **Chapter Review Questions**: Students put it all together by completing chapter review questions. They must use all of the skills they learned to complete a challenging coding question that summarizes the entire chapter.

StudioWeb also has a built-in hinting system that helps students when the answers are not coming to them.

Features for Teachers

In short, StudioWeb provides all that is needed to teach web design and development from course structure, testing, scoring and monitoring. This also includes:

- **Measurable Results**: Easily track student progress through an easy to read spreadsheet-like layout. Quickly look over your classes to see where students are in the courses.
- **Start/Stop Class**: StudioWeb gives teachers the ability to block students from logging into the system outside of the classroom.

Features for Students

Students watch easy to understand video courses on the key web technologies: HTML, CSS, JavaScript and PHP. Students then test their knowledge with multiple choice questions and coding challenges. This also includes:

- **Verifiable Certificate**: Students receive a verifiable "Certificate of Completion" with each course you finish. Certificates are earned when a student receives a passing grade (greater than 60%) for a course.
- **Build a Profile**: Students can track their progress with points and unlock badges as they accomplish different goals and complete courses.

Features for Schools

We offer private label customization specific for your school. That means StudioWeb will be branded with your school logo and colors.

We also offer custom web addresses for your school. This allows you to access StudioWeb on your school branded web address (e.g. yourschool.studioweb.com)

Contact us for school customizations.

Pricing

A proper education is important for every student. That is why we offer the first course with your classroom for free.

Our pricing plan is also very flexible so we can meet your needs. Our prices start at $25/student/month, however, we offer discounts for per semester and per year pricing.

Please contact us at info@studioweb.com for any inquiries.

Thanks,
Stefan Mischook

APPENDIX: StudioWeb Courses

Foundation Courses

- Beginners HTML
- Beginners CSS
- Beginners PHP
- Beginners Javascript

Project Courses

- HTML5, CSS3, and jQuery
- HTML Forms
- Form Validation with PHP and Javascript
- PHP and MySQL
- CRUD with PHP and MySQLi
- PHP Tag Cloud
- PHP Login with OOP and MVC

APPENDIX: Multiple Choice Questions

APPENDIX: Coding Challenges

BEGINNERS JAVASCRIPT

test_1
Total Points: 5690 points

- Course Overview
- Introduction to JS
- Event Handlers
- Javascript Errors
- Variables
- Functions
- Decisions in Code
- Loops

Objects and Arrays

1. A Birds Eye View
2. Arrays Part 1
3. **Arrays Part 2**
   - Question 1
4. Arrays Part 3

- Functions Continued 🔒
- Javascript DOM 🔒
- Forms 🔒
- Toggle Menu 🔒
- Conclusion 🔒

QUESTION 1:
Create an array called "products" containing the following items: shirt, pants, hat, jacket.

★100

Please enter the correct solution:

2 HINTS REMAINING   Get Hint (-25 points)

```
1  <script type="text/javascript">
2
3
4
5
6  </script>
```

Submit Solution

‹ Previous Lesson

APPENDIX: Chapter Review Questions

BEGINNERS JAVASCRIPT

test_1
Total Points: 5545 points

Course Overview

Introduction to JS

Event Handlers

Javascript Errors

Variables

Functions

Decisions in Code

Loops

1. Loops Part 1

2. **Loops Part 2**

   - **Chapter Review**

Objects and Arrays 🔒

Functions Continued 🔒

Javascript DOM 🔒

Forms 🔒

Toggle Menu 🔒

Conclusion 🔒

CHAPTER REVIEW:
Putting it all together: Loops

Create the following for loop: When "i" is less than 20, write to the webpage the value of "i" multiplied by "x", and also log to console the value of "i". Let the value of "i" begin at 1 and increment the value of "i" by 1.
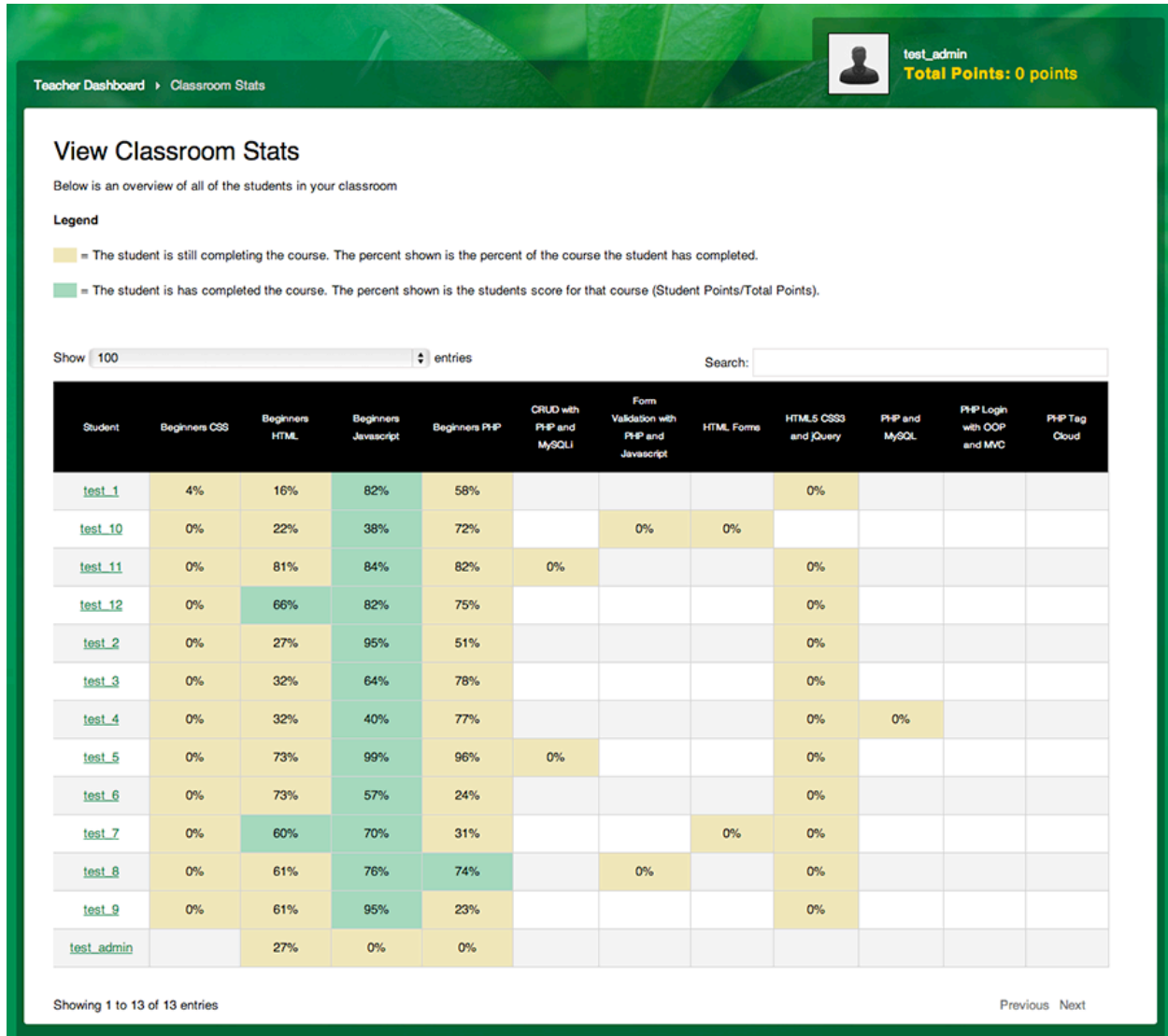
★250

Please enter the correct solution:

2 HINTS REMAINING | Get Hint (-75 points) |

```
1  <script type="text/javascript">
2
3
4  </script>
```
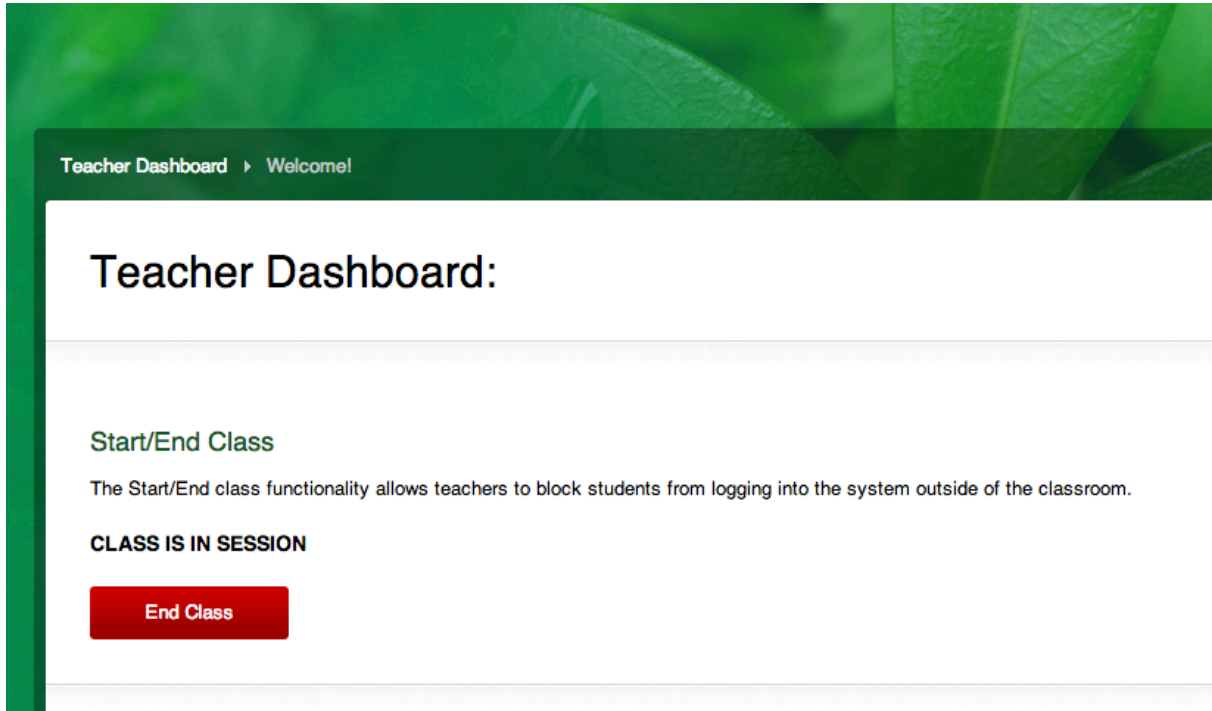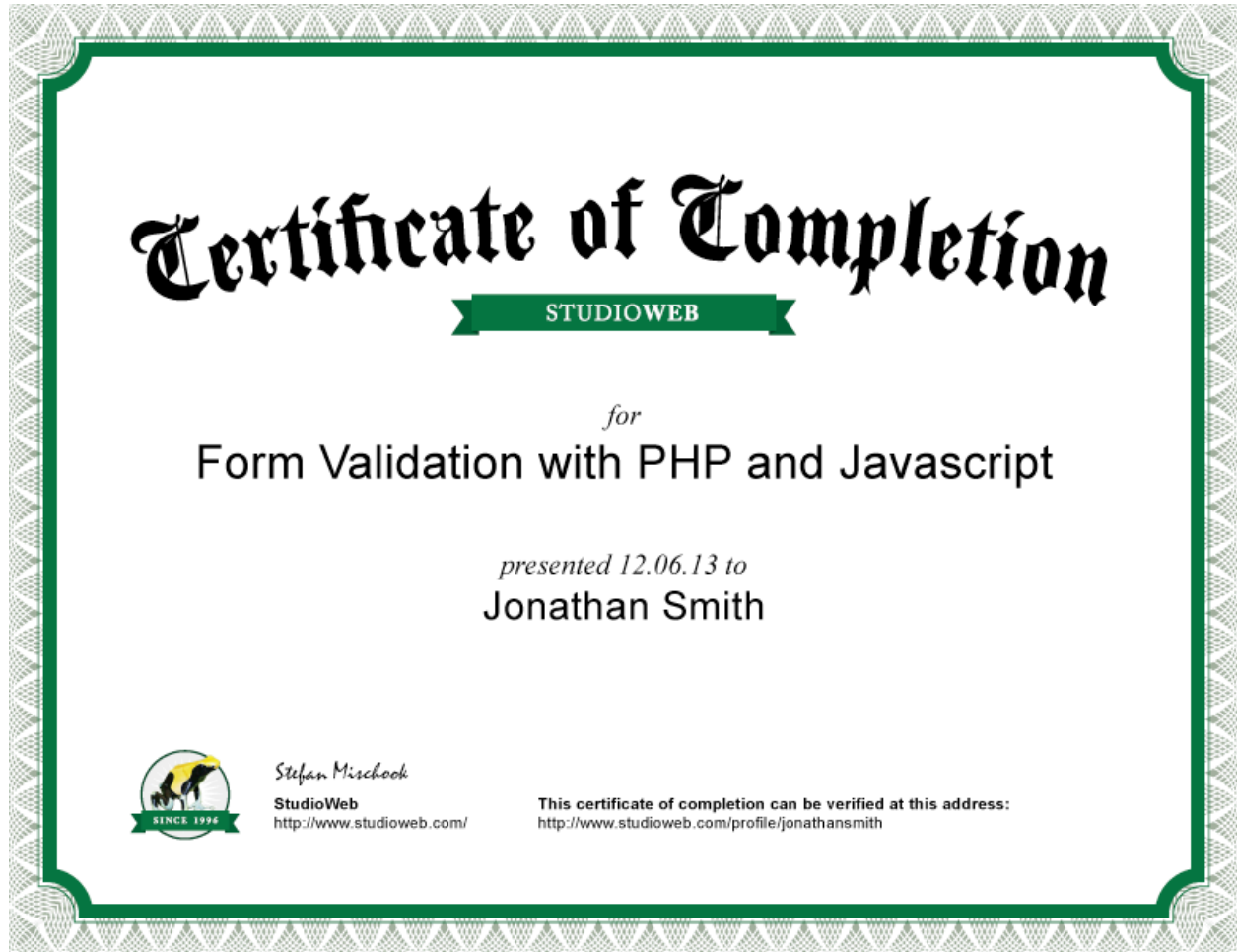
| Submit Solution |

‹ Previous Lesson

APPENDIX: Measurable Results

View Classroom Stats

Below is an overview of all of the students in your classroom

Legend

☐ = The student is still completing the course. The percent shown is the percent of the course the student has completed.

☐ = The student is has completed the course. The percent shown is the students score for that course (Student Points/Total Points).

Show 100 entries   Search:

Student	Beginners CSS	Beginners HTML	Beginners Javascript	Beginners PHP	CRUD with PHP and MySQLI	Form Validation with PHP and Javascript	HTML Forms	HTML5 CSS3 and jQuery	PHP and MySQL	PHP Login with OOP and MVC	PHP Tag Cloud
test_1	4%	16%	82%	58%				0%			
test_10	0%	22%	38%	72%		0%	0%				
test_11	0%	81%	84%	82%	0%			0%			
test_12	0%	66%	82%	75%				0%			
test_2	0%	27%	95%	51%				0%			
test_3	0%	32%	64%	78%				0%			
test_4	0%	32%	40%	77%				0%	0%		
test_5	0%	73%	99%	96%	0%			0%			
test_6	0%	73%	57%	24%				0%			
test_7	0%	60%	70%	31%			0%	0%			
test_8	0%	61%	76%	74%		0%		0%			
test_9	0%	61%	95%	23%				0%			
test_admin		27%	0%	0%							

Showing 1 to 13 of 13 entries

Previous Next

APPENDIX: Start/Stop Class

Teacher Dashboard ▸ Welcome!

Teacher Dashboard:

Start/End Class

The Start/End class functionality allows teachers to block students from logging into the system outside of the classroom.

CLASS IS IN SESSION

End Class

APPENDIX: Verifiable Certificate

APPENDIX: Student Profile