How to Effectively Deliver Engaging Online Courses



PRESENTERS



GWEN BRITTON, Ph.D.

Dr. Gwen Britton has served as the Academic Associate Vice President of STEM and Business Programs at SNHU's Global Campus for the past six years.

In her current role, she is passionate about expanding and growing STEM opportunities and access for individuals who otherwise would not have an opportunity to pursue a career in STEM areas.

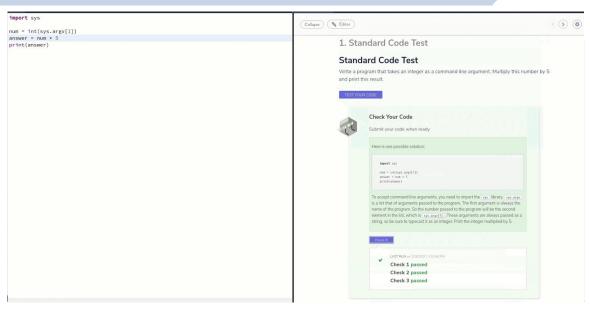


ELISE DEITRICK, Ph.D.

Elise is Codio's Vice President of Product & Partnerships. Elise has spent the last decade teaching STEM to a wide variety of age groups. Her research interests are in collaborative computing and equity in computer science.



Designing Online Courses for Scalability and Reusability



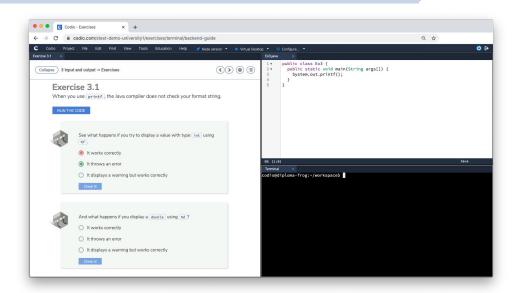
Publish your curriculum content to courses, which can be adapted and reused semester-to-semester.

Create anything from simple assignments and and assessments to fully-fledged curriculum resources with built-in assessment libraries.





Level-Setting the Student Experience



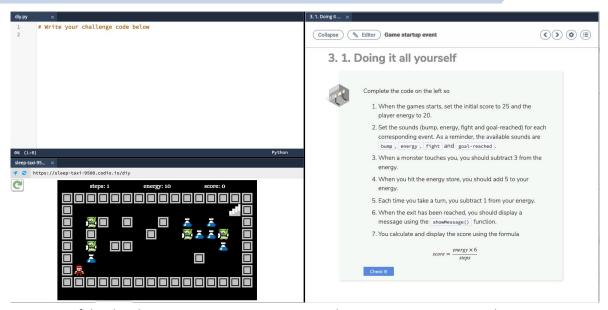
Codio provides a consistently high-quality learning experience, regardless of a student's setup.

All a student needs is a web browser and an internet connection.





Ensuring Engaging & Achievable Experiences for Students Working Remotely and Asynchronously



Successful online learning programs require a student experience proven to boost engagement

Higher student satisfaction and engagement result in better learning outcomes—meaning lower attrition and greater course completion rates.





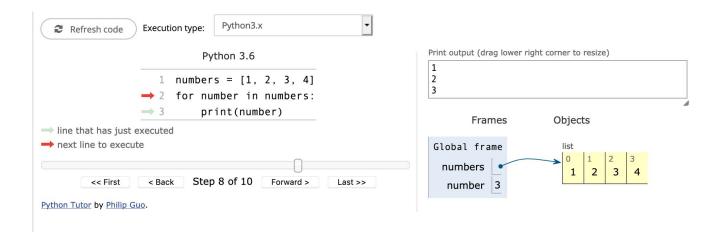
Measuring the Effectiveness of Course Content



Learning Insights provides actionable visualizations of student performance at multiple levels, enabling instructors to identify students who need more help or need to be challenged.



Tools for Instructors Looking to Build Their First Online Courses



With Code Visualizer, built on Philip Guo's wonderful Python Tutor work, students can write and edit code in the IDE, and with a click of a button see what's happening under the hood.



Leveraging Communities of Educators to Inform Courses

```
File: code/HelloWorld.java

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public class HelloWorld {
    public static void main(String args[]) {
        //add code below this line
        System.out.println("Hello, world!");
        //add code above this line
    }
}

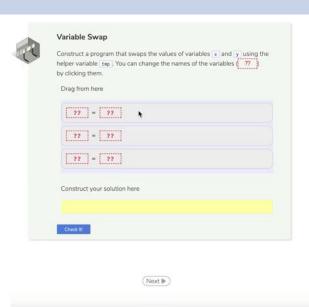
Jun 15th 2020 1:03pm (UTC -04:00) America/New_York
Modified by: stest-university-of-c...

Speed 5 cps
```

Code Playback enables teachers to get a glimpse into their students' thought processes by taking snapshots of their code creation from beginning to end.



Using Online Resources in the Classroom



Instant student feedback gives students an immediate, rich explanation of their work.

Students will get a sense of their understanding of the material immediately after they are introduced to it and as they attempt more difficult problems.



Thank you!

To get started with Codio, visit www.codio.com/getstarted

