



```
self.odds_chang
self.time_til_drop

136 def update(self):
137     """ Determine if directly
138     if self.left < 0 or self
139         self.dx = -self.dx
140     elif random.randrange(se
141         self.dx = -self.dx
```

## What students say about Revel® - Programming Python

**Institution:** University of Tromsø, Norway

**Course:** Introduction to Python Programming

**Course material:** Revel for Liang: *Introduction to Python Programming and Data Structures, 1/e*

**Educator:** Frode Nasje



Pearson



## Revel® for Liang's *Introduction to Python Programming and Data Structures*

### Instructor's Approach to Revel

Revel is used predominantly as a flexible, self-study model. During the course, the instructor allows students to work with Revel as they like. He only sets mandatory assignments for the last lesson to collect feedback on the student experience.

Before adopting Revel, the instructor used to create his own tests as part of the mandatory requirements for the exam. Now he uses Canvas and Revel. With Revel, he assigns online programming tasks and exercises. Although they are not mandatory, he can still check how students progress with the topics, and he finds it useful that students can work independently.

In the new course, he uses the exercises and links to the book page found in Revel. The points students earn during the initial assignments by the instructor count as part of their assessment. The assignments that follow are graded by the teaching assistants.

The instructor says he would not hesitate to use Revel again in his future classes.

**Course level:** Year 1 Programming

**Semester:** Fall 2021

**Cohort size:** 150 (mostly online)

**Revel purchase rate:** 100%

**Survey respondents:** 30

**Survey response rate:** 20%

*"The ebook and self-study courses and exercises from the book is a perfect mix."*

# What students say about Revel

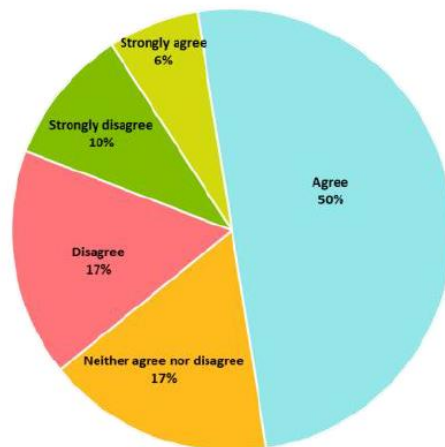
## Preparedness

56% of respondents felt better prepared for class after using Revel.

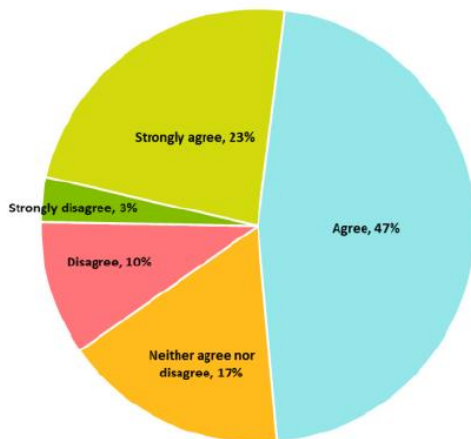
Student opinion: *“The ability to work independently: to sit down alone and go through the concepts, was extremely useful.”*

For the instructor: *“The ebook, the self-study courses and exercises from the book is the perfect mix.”*

As a result of using Revel, I feel better prepared in my course lectures.



Using Revel has helped me improve my understanding of the topics covered in my course.



70% of respondents felt that Revel helped them better understand the course material.

*“I like that it breaks the material into shorter sections and it's easier to categorise in your head.”*

*“I like the videos and how they break things up.”*

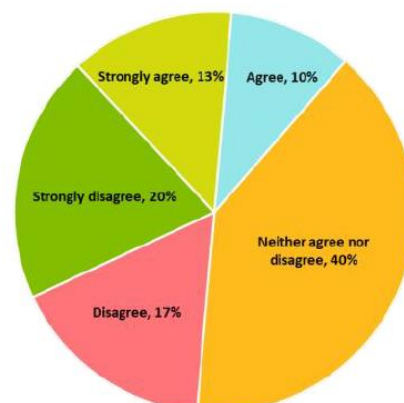
*“The interactivity is very useful in programmes as you can categorise elements in real time.”*

Without the assigned reading, 23% of respondents spent more time reading because of Revel.

*“Easy to read and understand the concepts. The literature is “to the point” and focuses on the most important stuff.”*

*“In the book, you can easily go back using the search function to find what you are looking for.”*

I found that I spent more time (in hours) reading for the course as a result of using Revel than I have spent reading for my other courses which don't use Revel.



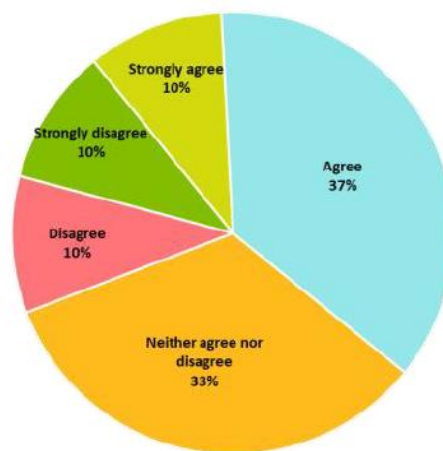
# What students say about Revel

## Assessment

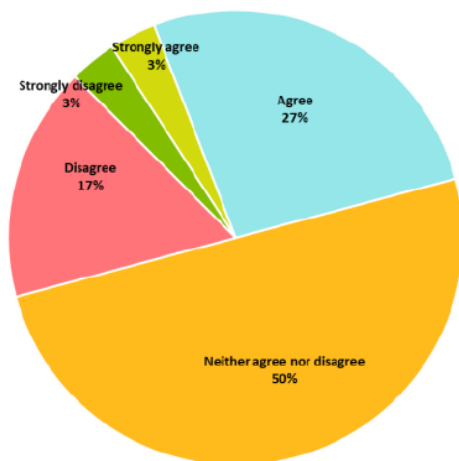
47% of respondents felt more confident to take tests and quizzes after using Revel.

*“The chapters are short and to-the-point and I like the multiple-choice questions.”*

As a result of using Revel, I feel more confident in my ability for quizzes/tests given in the course.



I valued the assignments, created in Revel by my instructor.



With just one lesson’s assessment, 30% of respondents felt the difference and found value in the experience.

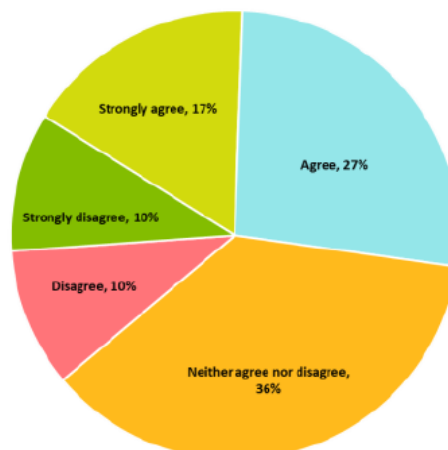
*“I wish our teacher used the quizzes and the small programming exercises after each chapter.”*

*“The teacher should have used it more like he did at the end.”*

I valued the regular assessment and instant feedback that Revel provides.

44% of respondents found value in Revel’s self-assessment content and instant feedback experience.

*“You can test yourself along the way versus reading the whole topic first and then testing yourself.”*



# What students say about Revel

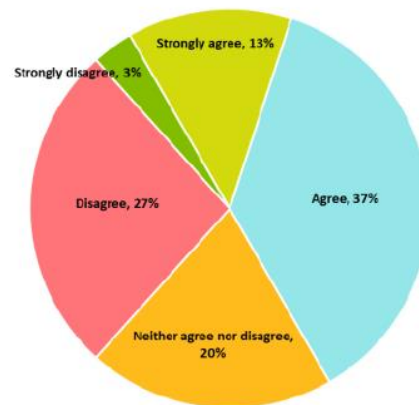
## Engagement

50% of respondents found Revel to be more engaging than any other resource they have used so far.

I found learning with Revel to be more engaging than the other resources (e.g. print textbooks, journals) which have so far been used to teach me on my degree

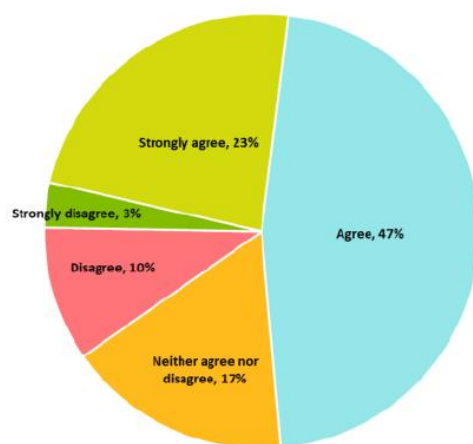
*"I like the whole experience with Revel. I wish more subjects were like that."*

*"The interactivity was the best part. Especially with this amount of information, if you read it for a long time, a lot can get lost. You can read but not retain it."*



## Revel > Traditional Textbook

Using Revel has helped me improve my understanding of the topics covered in my course.



43% of respondents would be happy to use Revel without a physical book.

*"I know I learned better using it [Revel] versus the original textbook."*

*"In programming, I find the textbook difficult and as you get into the technology part, and for me, I need to test it and go step-by-step to see how it is working."*

*"When you use the textbook, you read a concept, and then you spend a lot of time typing in and practicing the programming. With the book, you can't use copy and paste to test the concepts."*

If you would like to know more about Revel® visit our website at

<https://www.pearson.com/uk/educators/higher-education-educators/products-and-services/course-resources-and-content/revel.html>