

April 15, 2022

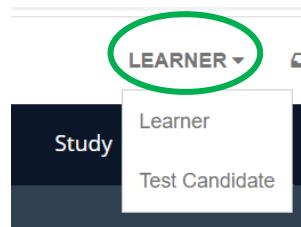
HOW TO LAUNCH A PRACTICE TEST

Step 1: Go to <https://edube.org/> and log in to your account.



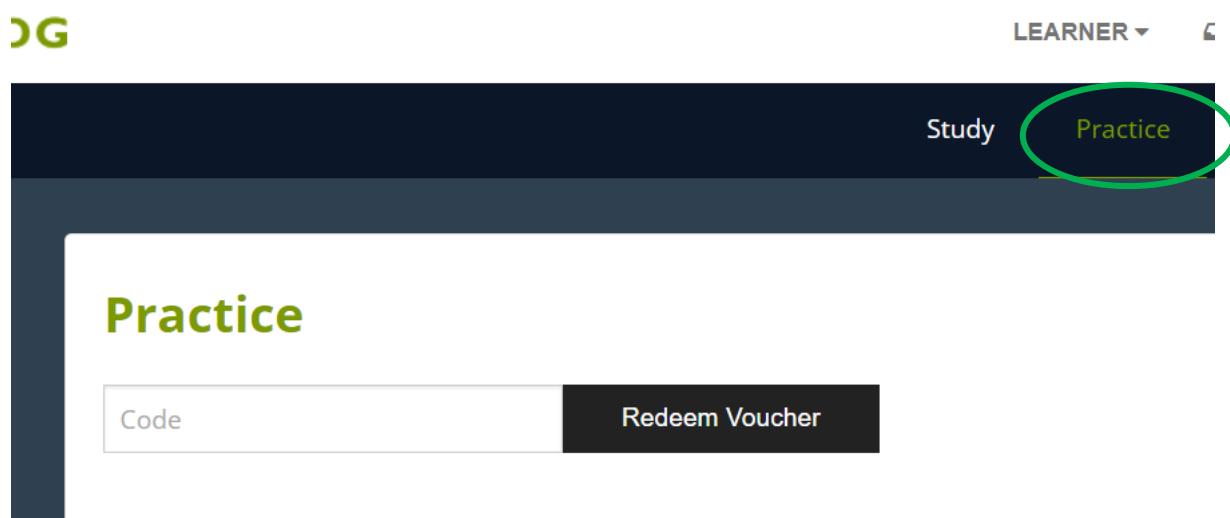
The screenshot shows the Edube.org homepage. At the top right, there is a 'Log in' button with a green oval around it. Below the header, there is a banner with the text 'Sandbox' and 'Build your code. Release your creativity.' followed by a background image of several hard hats. The main content area displays a grid of course cards. The first row contains 'Python Essentials 1' (Python 101 (PE1)), 'Python Essentials 2' (Python 102 (PE2)), 'Advanced OOP' (Python Advanced 1 (Python 201 (Advanced OOP))), and 'Best Practices and Standardization' (Python Advanced 2 (Python 202 (PEPs))). The second row contains 'INTERMEDIATE' (Aligned with PCAP-31-02/PCAP-31-03) and 'ADVANCED' (Aligned with PCPP-32-101) levels.

Step 2: Select the *Learner* account.



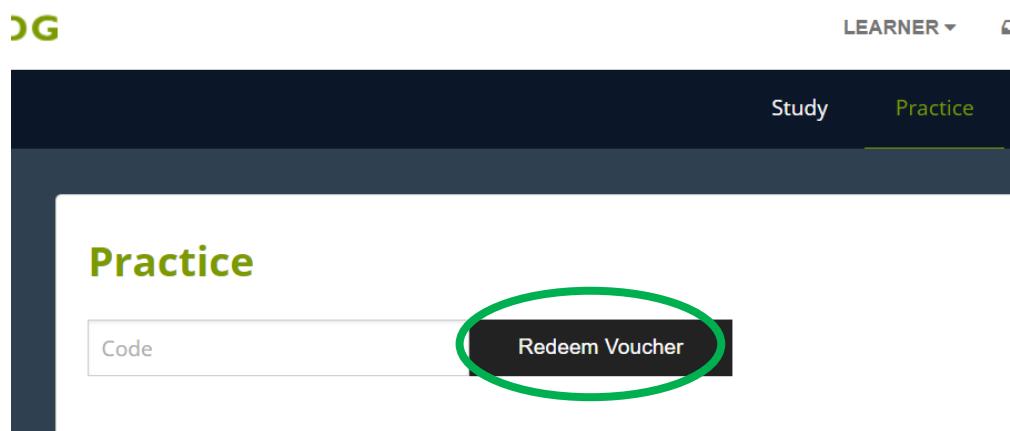
The screenshot shows a dropdown menu for account selection. The 'LEARNER' option is highlighted with a green oval. Other options in the menu are 'Learner' and 'Test Candidate'.

Step 3: Click on the *Practice* tab.



The screenshot shows the 'Practice' tab interface. At the top, there is a navigation bar with 'Study' and 'Practice' tabs, with 'Practice' highlighted with a green oval. Below the navigation bar, the word 'Practice' is displayed in a large, bold, green font. There are two buttons at the bottom: 'Code' (in a light gray box) and 'Redeem Voucher' (in a dark gray box).

Step 4: Enter your practice test voucher code, and click *Redeem Voucher*.



Step 5: Read and accept the Terms and Conditions.

Terms & Conditions

VOUCHER: TESTA1638FF927CF3E9FA0A16B

PLEASE READ THE TERMS AND CONDITIONS OF THIS LICENSE AGREEMENT BEFORE USING THIS PRODUCT.

Open Education and Development Group (OpenEDG) End-User License Agreement ("EULA") is a legal agreement between you and OpenEDG for the OpenEDG Software Product(s) which may include associated software components, media, printed materials, and "online" or electronic documentation ("Software Product").

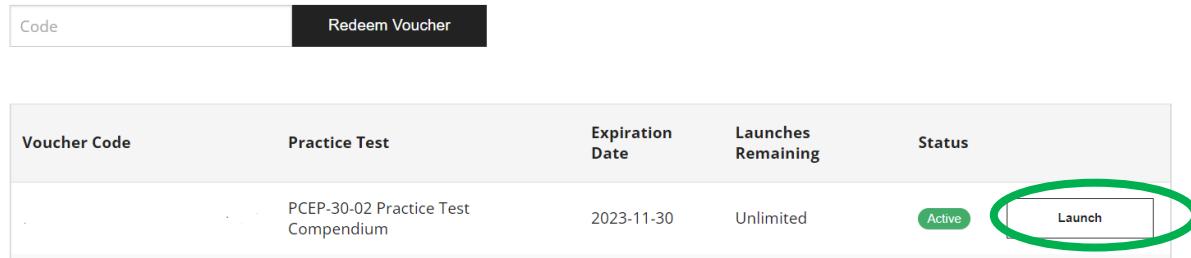
By agreeing to these terms and conditions, or otherwise using the Software Product, you agree to be bound by the terms of this EULA. This license agreement represents the entire agreement

I agree

Submit

Step 6: Your voucher will then be assigned to your account, and you will be able to launch it. You will also be able to see the voucher's status and the expiration date.

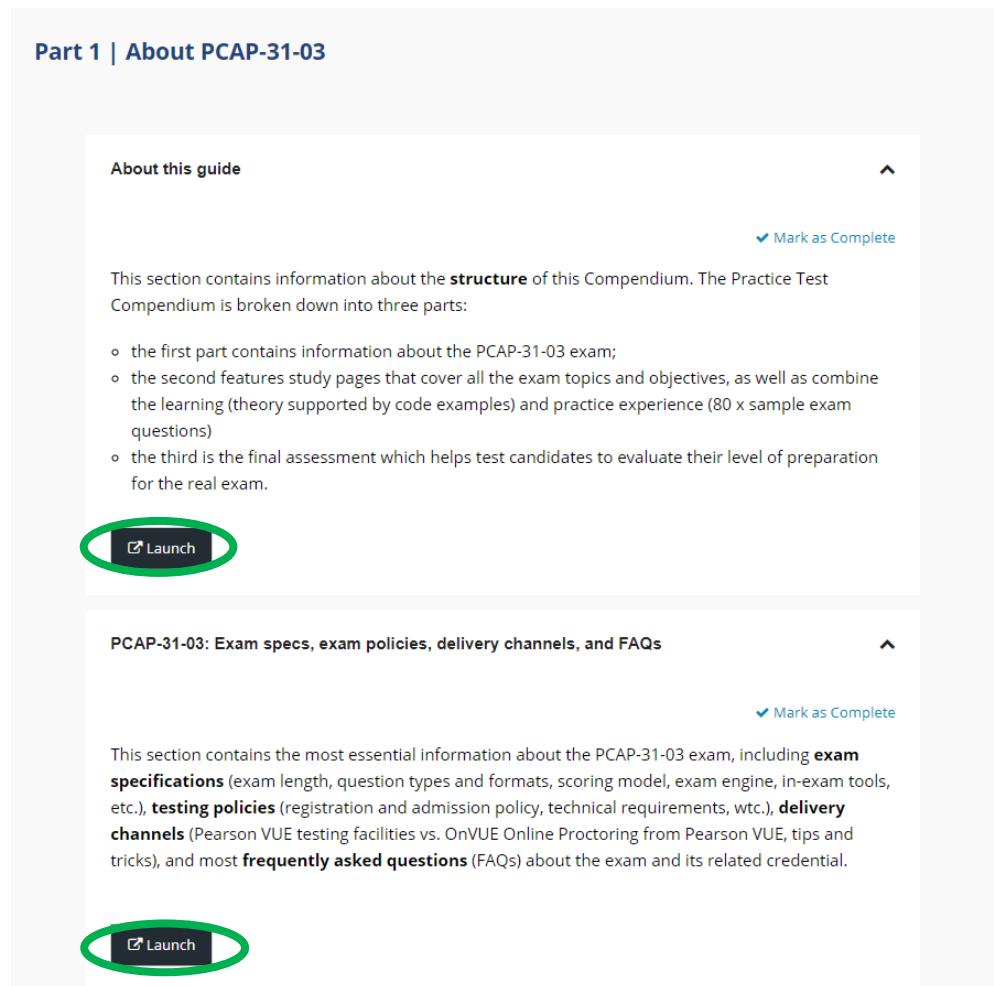
Practice



Code Redeem Voucher

Voucher Code	Practice Test	Expiration Date	Launches Remaining	Status
	PCEP-30-02 Practice Test Compendium	2023-11-30	Unlimited	Active Launch

Step 7: Part 1 consists of the exam guide, and a section where you will be able to check the technical requirements, find out more about the exam delivery channels, and read the testing policies and the list of frequently asked questions.



Part 1 | About PCAP-31-03

About this guide Mark as Complete

This section contains information about the **structure** of this Compendium. The Practice Test Compendium is broken down into three parts:

- the first part contains information about the PCAP-31-03 exam;
- the second features study pages that cover all the exam topics and objectives, as well as combine the learning (theory supported by code examples) and practice experience (80 x sample exam questions)
- the third is the final assessment which helps test candidates to evaluate their level of preparation for the real exam.

Launch

PCAP-31-03: Exam specs, exam policies, delivery channels, and FAQs Mark as Complete

This section contains the most essential information about the PCAP-31-03 exam, including **exam specifications** (exam length, question types and formats, scoring model, exam engine, in-exam tools, etc.), **testing policies** (registration and admission policy, technical requirements, etc.), **delivery channels** (Pearson VUE testing facilities vs. OnVUE Online Proctoring from Pearson VUE, tips and tricks), and most **frequently asked questions** (FAQs) about the exam and its related credential.

Launch

Step 8: Part 2 will include a summary of the study material and a test for each exam block. At the end, you will be able to launch a practice test, which will consist of questions you previously practiced in the exam blocks 1-5.

Part 2 | Study Pages & Exam Section Questions

- Exam block #1: Modules and Packages 
- Exam block #2: Exceptions
- Exam block #3: Strings
- Exam block #4: Object-Oriented Programming
- Exam block #5: Miscellaneous (List Comprehensions, Lambdas, Closures, and I/O Operations)
- PRACTICE TEST

Step 9: Click on the *Launch* button below each exam block. **Please note that there is a limit to the number of times you can launch the test.**

Exam block #1: Modules and Packages

Mark as Complete

This section features **exam prep materials** and resources in the form of *Study Pages* and *Exam Block Questions* related to the first exam section: **Modules and Packages**. Each exam question is provided with **explanation** and **quick scoring** to get an idea of the kind of questions that will appear on the exam as well as to help you understand how these are scored and weighted across the exam section.

Note: This section can be launched a maximum of 15 times.

Launch

Launch Limit: 2/15

Step 10: You will then be informed what topics this exam block includes, and you will have the chance to read the summary of study materials for this module.

Exam block #1: Modules and Packages

Study Pages

Objectives covered by the block:

1. **Modules and Packages**

- 1 import variants; advanced qualifying for nested modules
- 2 dir(); the sys.path variable
- 3 math: ceil(), floor(), trunc(), factorial(), hypot(), sqrt(); random: random(), seed(), choice(), sample()
- 4 platform: platform(), machine(), processor(), system(), version(), python_implementation(), python_version_tuple()
- 5 rationals (why do we need modules?); __pycache__; __name__; public variables, __init__.py
- 6 searching for/through modules/packages; nested packages vs. directory tree

Exam block #1:
Modules and Packages

PCAP-31-03
Practice Test

python™

Step 11: Click *Start* to begin your practice test for a given module.

≡

Exam block #1 Practice Questions – Modules and Packages

Number of questions: 12
Points to score: 24
Passing score: 70%

Start

Step 12: After you submit the test results, you will have an option to either *Retake* or *Review* the test.

Your score: **547/580**

94%

Congratulations, you have passed the exam section!

SECTION ANALYSIS

Exam block #2: Control Flow – Conditional Statements	92%
Exam block #2: Control Flow – Loops	96%

Retake Test

Review Test

Step 13: Choosing the option to review the test will allow you to see the correct answers to the questions, along with a short explanation.

Item 1/12

A function named `f()` is included in a module named `m`, and the module is a part of a package named `p`. Which of the following code snippets allows you to properly invoke the function? (Select two answers.)

`from p.m import f`
`f()`

The snippet is correct – the imported module is named `m`, and it is located in a package named `p`. As the `from` phrase is in use, invoking the `f()` function doesn't require the use of a qualified name.

`import p.m`
`p.m.f()`

The snippet is correct – the imported module is named `m`, and it is located in a package named `p`. Invoking the `f()` function requires the use of a qualified name, i.e., `p.m.f()`.

Next ➔

Retake Test **Back to Summary**

Step 14: In Part 3, you will be able to take the final practice test. The structure and the test will be similar to the real PCAP exam.

Part 3 | Final Practice Test

FINAL PRACTICE TEST

Step 15: As with the Exam block tests, you will be able to see the correct answers, but no explanations will be provided.

Item 1/40

The following code snippet is used to import and invoke the `showinfo()` function. Which statement is **always** true about the function and its environment? (Select two answers.)

`import tkinter.messagebox`
`messagebox.showinfo("Hello")`

The `showinfo()` function is contained in the `messagebox` module.

`messagebox` is a module or a package.

The `messagebox()` function can be also invoked using the following syntax: `tkinter.messagebox()`.

The `messagebox()` function can be also invoked using the following syntax: `messagebox()`.

Next ➔

Retake Test **Back to Summary**

Step 16: After you take your Final practice test, not only can you retake or review the test, but you can also review the exam objectives.

Your score: **969/1000**

97%

Congratulations, you have passed the practice test!

SECTION ANALYSIS	
Computer Programming and Python Fundamentals	98%
Control Flow – Conditional Blocks and Loops	96%
Data Collections – Tuples, Dictionaries, Lists, and Strings	100%
Functions and Exceptions	95%

[Retake Test](#) [Review Test](#) [Review Exam Objectives](#) [Back to Dashboard](#)

Exam Objectives

Item	Section	Objective	Sub-objective	Status
Question 1	Section 3: Data Collections - Tuples, Dictionaries, Lists, and Strings	PCEP 3.3 Collect and process data using dictionaries	ictionaries: building, indexing, adding and removing keys; iterating through dictionaries and their keys and values, checking the existence of keys; <code>keys()</code> , <code>items()</code> , and <code>values()</code> methods	✓
Question 2	Section 3: Data Collections - Tuples, Dictionaries, Lists, and Strings	PCEP 3.3 Collect and process data using dictionaries	ictionaries: building, indexing, adding and removing keys; iterating through dictionaries and their keys and values, checking the existence of keys; <code>keys()</code> , <code>items()</code> , and <code>values()</code> methods	✓
Question 3	Section 3: Data Collections - Tuples, Dictionaries, Lists, and Strings	PCEP 3.1 Collect and process data using lists	constructing vectors, indexing and slicing	✓
Question 4	Section 3: Data Collections - Tuples, Dictionaries, Lists, and Strings	PCEP 3.1 Collect and process data using lists	constructing vectors, indexing and slicing, the <code>len()</code> function, basic list methods (<code>append()</code> , <code>insert()</code> , <code>index()</code>) and functions (<code>len()</code> , <code>sorted()</code> etc.)	✓
Question 5	Section 3: Data Collections - Tuples, Dictionaries, Lists, and Strings	PCEP 3.1 Collect and process data using lists	constructing vectors, indexing and slicing, the <code>len()</code> function, basic list methods (<code>append()</code> , <code>insert()</code> , <code>index()</code>) and functions (<code>len()</code> , <code>sorted()</code> etc.)	✓

Step 17: Click *History* below your *Final Practice Test* to see your history from the last 30 days, which includes the exact date of your test, the grade, and the result (either Pass or Fail).

Part 3 | Final Practice Test

FINAL PRACTICE TEST

Mark as Complete

Sample exam set consisting of **40 exam-like questions** that will provide you with the **final evaluation of your readiness** and preparation for PCAP-31-03. You will have **65 minutes** to answer all the questions. You can score 100 points. The passing score is 70%.

Note: The test can be launched to a maximum of 5 times.

  Launch Limit: 1/5

History (last 30 results)

FINAL PRACTICE TEST

Date	Grade	Result
2022-04-15 12:26:46	97%	Pass

*If you've already launched your test the maximum number of times, the launch button will no longer be available, and you will notice a locked padlock icon.

Part 2 | Study Pages & Exam Section Questions

Exam block #1: Modules and Packages



 [Mark as Complete](#)

This section features **exam prep materials** and resources in the form of *Study Pages* and *Exam Block Questions* related to the first exam section: **Modules and Packages**. Each exam question is provided with **explanation** and **quick scoring** to get an idea of the kind of questions that will appear on the exam as well as to help you understand how these are scored and weighted across the exam section.

Note: This section can be launched a maximum of 15 times.

Launch Limit: 15/15