

Your score: 10/10

100%

Congratulations, you've passed the test!

SECTION ANALYSIS

PE1 -- Module 1 Test

100%

Progress (100%)

Correct

≡

Question 1/10

Next →

What is machine code?

☐ A low-level programming language consisting of hexadecimal digits that make up high-level language instructions

☐ A medium-level programming language consisting of the assembly code designed for the computer processor

☐ A high-level programming language consisting of instruction lists that humans can read and understand

☒ A low-level programming language consisting of binary digits/bits that the computer reads and understands

Progress (100%)

Correct

≡

Question 2/10

← Prev

Next →

What is true about compilation? (Select two answers)

☒ The code is converted directly into machine code executable by the processor

☐ Both you and the end user must have the compiler to run your code

☒ It tends to be faster than interpretation

☐ It tends to be slower than interpretation

Progress (100%)

Correct

Question 3/10

← PrevNext →

What is the expected behavior of the following program?

```
print("Hello!")
```

☒ The program will output `|Hello!|` to the screen

☐ The program will output `| ("Hello!") |` to the screen

☐ The program will output `| "Hello!" |` to the screen

☐ The program will generate an error message on the screen

Progress (100%)

Correct

Question 4/10

← PrevNext →

What do you call a file containing a program written in a high-level programming language?

☒ A source file

☐ A target file

☐ A machine file

☐ A code file

Progress (100%)

Correct

Question 5/10

← PrevNext →

What is the best definition of a *script*?

☐ It's an error message generated by the compiler

☐ It's an error message generated by the interpreter

☐ It's a text file that contains sequences of zeroes and ones

☒ It's a text file that contains instructions which make up a Python program

Progress (100%)

Correct

Question 6/10

← PrevNext →

What are the four fundamental elements that make a language?

☒ An alphabet, a lexis, a syntax, and semantics

☐ An alphabet, morphology, phonetics, and semantics

☐ An alphabet, phonetics, phonology, and semantics

☐ An alphabet, a lexis, phonetics, and semantics

Progress (100%)

Correct

Question 7/10

← PrevNext →

Select the true statements? (Select two answers)

☐ Python is a good choice for low-level programming, e.g., when you want to implement an effective driver

☐ Python 3 is backwards compatible with Python 2

☒ Python is a good choice for creating and executing tests for applications

☒ Python is free, open-source, and multiplatform

Progress (100%)

Correct

Question 8/10

← PrevNext →

What do you call a command-line interpreter which lets you interact with your OS and execute Python commands and scripts?

☐ A compiler

☒ A console

☐ An editor

☐ Jython

Progress (100%)

Correct

Question 9/10

← PrevNext →

What is CPython?

☐ It's a programming language that is a superset of Python, designed to produce C-like performance with code written in Python

☒ It's the default, reference implementation of Python, written in the C language

☐ It's the default, reference implementation of the C language, written in Python

☐ It's a programming language that is a superset of the C language, designed to produce Python-like performance with code written in C

Progress (100%)

Correct

Question 10/10

← Prev

What is the expected behavior of the following program?

```
print("Goodbye!")
```

☐ The program will output `("Goodbye!")`

☐ The program will output `"Goodbye!"`

☐ The program will output `Goodbye!` to the screen

☒ The program will generate an error message on the screen