

Chapter 1 Quiz

Due Aug 30 at 11am **Points** 50 **Questions** 50 **Available** Aug 23 at 12am - Aug 30 at 11am 7 days
Time Limit 50 Minutes **Allowed Attempts** Unlimited

Take the Quiz Again

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	32 minutes	43 out of 50

Score for this attempt: **43** out of 50

Submitted Aug 29 at 10:07pm

This attempt took 32 minutes.

Question 1

1 / 1 pts

A programmer typically enters source code into a computer using a

text editor

Answer 1:

text editor

Correct!

Question 2

1 / 1 pts

A(n)

flowchart

is a diagram that graphically illustrates the flow of a program.

Answer 1:

flowchart

Correct!

Question 3

1 / 1 pts

The step will reveal any syntax errors in your program.

Answer 1:

Correct!

compile

Correct Answer

Compiling

Question 4

1 / 1 pts

A set of well-defined steps for performing a task or solving a problem is known as a(n):

☐ Hierarchy

☒ Algorithm

☐ Central Processing Unit

☐ Encoded instruction

☐ None of the above

Correct!

Question 5

0 / 1 pts

is used to hold programs and data for later use.

Answer 1:

You Answered

Correct Answer

Secondary storage

Correct Answer

Storage media

Question 6

1 / 1 pts

Key Words

are words that have a special meaning and may be used only for their intended purpose.

Answer 1:

Correct!

Key words

Correct Answer

Keywords

Correct Answer

keywords

Correct Answer

key words

Question 7

1 / 1 pts

During which stage does the central processing unit analyze the instruction and encode it in the form of a number, and then generate an electronic signal?

☐ fetch

Correct!

☒ decode☐ execute☐ portability stage

Question 8

1 / 1 pts

Words or names defined by the programmer are called

Programmer-Defined Id

.

Answer 1:

Correct!

programmer-defined identifiers

Correct Answer

programmer defined identifiers

Question 9**1 / 1 pts**

Three primary activities of a program are:

- ☐ Variables, Operators, and Key Words
- ☐ Lines, Statements, and Punctuation
- ☒ Input, Processing, and Output
- ☐ Integer, Floating-point and Character
- ☐ None of the above

Correct!**Question 10****0 / 1 pts**

The _____ decodes an instruction and generates electrical signals.

- ☐ Arithmetic and Logic Unit
- ☐ Main memory
- ☐ BIOS
- ☐ Control Unit

Correct Answer**You Answered**

- ☒ None of the above

Question 11**1 / 1 pts**

An example of a secondary storage device is:

- ☐ The computer's main memory
- ☐ The keyboard

Correct!

- ☐ The monitor
- ☒ A hard disk
- ☐ None of the above

Question 12

1 / 1 pts

At the heart of a computer is its central processing unit. The CPU's job is:

- ☐ To fetch instructions
- ☐ To carry out the operations commanded by the instructions
- ☐ To produce some outcome or resultant information
- ☒ All of the above
- ☐ None of the above

Correct!

Question 13

1 / 1 pts

A(n) is a named storage location.

Answer 1:

variable

Correct!

Question 14

1 / 1 pts

is used in a program to mark the beginning or ending of a statement, or separate items in a list.

Answer 1:

Correct!

Punctuation

Question 15**1 / 1 pts**

Computer programs are also known as

- ☐ hardware
- ☐ firmware
- ☒ software
- ☐ silverware
- ☐ None of the above

Correct!

Question 16**1 / 1 pts**

A variable declaration announces the name of a variable that will be used in a program, as well as:

- ☒ The type of data it will be used to hold
- ☐ The operators that will be used on it
- ☐ The number of times it will be used in the program
- ☐ The area of the code in which it will be used
- ☐ None of the above

Correct!

Question 17**1 / 1 pts**

Which of the following best describes an operator?

- ☐ An operator is a rule that must be followed when constructing a program.

Correct!

☒ An operator allows you to perform operations on one or more pieces of data.

☐ An operator marks the beginning or ending of a statement, or is used to separate items in a list.

☐ An operator is a word that has a special meaning.

☐ An operator is a symbolic name that refers to a variable.

Question 18**1 / 1 pts**

Logic errors

are mistakes that cause a running program to produce incorrect results.

Answer 1:

Correct!

logic errors

Correct Answer

Logic errors

Question 19**1 / 1 pts**

This is used in a program to mark the beginning or ending of a statement, or separate items in a list.

☐ Separators

☒ Punctuation

☐ Operators

☐ Key Words

☐ None of the above

Correct!

Question 20**1 / 1 pts**

The set of rules that must be followed when constructing a program is known as

syntax

.

Answer 1:

Correct!

syntax

Question 21

0 / 1 pts

The two general categories of software are

system software

and

application software

.

Answer 1:

You Answered

system software

Correct Answer

application

Correct Answer

system

Answer 2:

You Answered

application software

Correct Answer

application

Correct Answer

system

Question 22

1 / 1 pts

During which stage does the central processing unit retrieve from main memory the next instruction in the sequence of program instructions?

Correct!

☒ fetch

☐ decode

☐ execute

☐ portability stage

Question 23**1 / 1 pts**

Which of the following is not one of the five major components of a computer system?

Correct!

☒ Preprocessor

☐ The CPU (central processing unit)

☐ Main memory

☐ Input/Output device

☐ Secondary storage device

Question 24**1 / 1 pts**

What statement best describes a variable and its primary purpose?

☐ A variable is a structured, general-purpose language designed primarily for teaching programming.

☐ A variable is a collection of eight bits.

☐ A variable is a word that has a special meaning to the compiler.

Correct!

☒ A variable is a named storage location in the computer's memory used for holding a piece of information.

☐ A variable is a "line" of code in the body of a program, that may change.

Question 25**1 / 1 pts**

The rules that must be followed when constructing a program are called

syntax

Answer 1:

Correct!

syntax

Question 26

0 / 1 pts

The type of memory that contains instructions "etched" onto a chip that control basic input/output operations of the computer is known as

volatile

Answer 1:

You Answered

volatile

Correct Answer

ROM

Correct Answer

Read Only Memory

Correct Answer

read only memory

Question 27

1 / 1 pts

Internally, the CPU consists of two parts:

☐ The Output Device and the Input Device

☐ The Software and the Hardware

☒ The Control Unit and the Arithmetic and Logic Unit

☐ The Single-task Device and the Multi-task Device

☐ None of the above

Correct!

Question 28**1 / 1 pts**

Characters or symbols that perform operations on one or more operands are:

- ☐ Syntax
- ☐ Op codes
- ☒ Operators
- ☐ Program ops
- ☐ None of the above

Correct!**Question 29****1 / 1 pts**

Mistakes that cause a running program to produce incorrect results are called:

- ☐ Syntax errors
- ☒ Logic errors
- ☐ Compiler errors
- ☐ Linker errors
- ☐ None of the above

Correct!**Question 30****1 / 1 pts**

The purpose of a memory address is:

- ☒ To identify the location of a byte in memory
- ☐ To prevent multitasking
- ☐ To obtain an algorithm

Correct!

☐ To improve the effectiveness of high-level languages

☐ None of the above

Question 31**0 / 1 pts**

The job of the is to fetch instructions, carry out the operations commanded by the instructions, and produce some outcome or resultant information.

Answer 1:

You Answered

Correct Answer

central processing unit

Question 32**1 / 1 pts**

This is a volatile type of memory, used for temporary storage.

☐ A floppy disk

☐ ALU

☒ RAM

☐ A hard disk

☐ None of the above

Correct!

Question 33**1 / 1 pts**

Characters or symbols that perform operations on one or more operands are:

Answer 1:

Correct!

operators

Correct Answer

Operators

Question 34

1 / 1 pts

Which of the following is a preprocessor directive?

☐ pay = hours * rate;☐ cin >> rate;☐ // This program calculates the user's pay.☐ int main()

Correct!

☒ #include**Question 35**

1 / 1 pts

A is a set of well-defined steps for performing a task or solving a problem.**Answer 1:**

Correct!

algorithm

Question 36

1 / 1 pts

The name for a memory location that may hold data is:

☐ Key Word☐ Syntax

Correct!

- ☐ Operator
- ☒ Variable
- ☐ None of the above

Question 37

1 / 1 pts

The statements written by the programmer are called:

Correct!

- ☐ Syntax
- ☐ Object code
- ☒ Source code
- ☐ Runtime libraries
- ☐ None of the above

Question 38

1 / 1 pts

What does the term hardware refer to?

Correct!

- ☐ The relative difficulty of programming
- ☒ The physical components that a computer is made of
- ☐ The way a computer's storage space is organized
- ☐ The logical flow of instructions
- ☐ None of the above.

Question 39

1 / 1 pts

Even when there is no power to the computer, data can be held in:

Correct!

- ☒ Secondary storage
- ☐ The Input Device
- ☐ The Output Device
- ☐ The Algorithm
- ☐ None of the above

Question 40

1 / 1 pts

This step will uncover any syntax errors in your program.

Correct!

- ☐ Editing
- ☒ Compiling
- ☐ Linking
- ☐ Executing
- ☐ None of these

Question 41

1 / 1 pts

Programmer-defined names of memory locations that may hold data items are:

variables

Answer 1:

Correct!

variables

Correct Answer

Variables

Question 42**1 / 1 pts**

Programmer-defined names of memory locations that may hold data are:

- ☐ Operators
- ☒ Variables
- ☐ Syntax
- ☐ Operands
- ☐ None of the above.

Correct!

Question 43**1 / 1 pts**

Words that have a special meaning and may be used only for their intended purpose are known as:

- ☐ Operators
- ☐ Programmer Defined Words
- ☒ Key Words
- ☐ Syntax
- ☐ None of the above

Correct!

Question 44**0 / 1 pts**

The programming process consists of several steps, which include:

- ☒ Input, Processing, and Output
- ☐ Key Words, Operators, and Punctuation

You Answered

Correct Answer

- ☐ Design, Creation, Testing, and Debugging
- ☐ Syntax, Logic, and Error Handling
- ☐ None of the above

Question 45

1 / 1 pts

This term refers to the programmer reading the program from the beginning and stepping through each statement.

- ☐ Pseudocoding
- ☐ Software Engineering
- ☒ Desk Checking
- ☐ Spot Checking
- ☐ None of the above

Correct!

Question 46

1 / 1 pts

During which stage does the central processing unit analyze the instruction and encode it in the form of a number, and then generate into an electronic signal?

Answer 1:

decode

Correct!

Correct Answer

Decode

Question 47

0 / 1 pts

Program statements written by the programming in a high-level language are known as

pseudocode

Answer 1:

You Answered

pseudocode

Correct Answer

source code

Question 48

1 / 1 pts

A(n) is a complete instruction that causes the computer to perform some action.

Answer 1:

Correct!

statement

Question 49

1 / 1 pts

A(n) _____ is a set of instructions that the computer follows to solve a problem.

☐ Compiler

☐ Linker

☒ Program

☐ Operator

☐ None of the above

Correct!

Question 50

1 / 1 pts

The programmer usually enters source code into a computer using:

Correct!

☐ Pseudocode☒ A text editor☐ A hierarchy chart☐ A compiler☐ None of the aboveQuiz Score: **43** out of 50