

ACTIVITY BOOK

Unit 1

Student Activity Book 2

About reading, you must answer the following questions.

1. What is the purpose of programming languages?

- a) To create music
- b) To provide instructions to computers
- c) To translate languages
- d) To solve mathematical problems

2. Which programming language is known for its simplicity and readability?

- a) C++
- b) JavaScript
- c) Python
- d) Java

3. What is Java commonly used for?

- a) Web development
- b) Android app development
- c) Data science
- d) Graphic design

4. What does C++ offer that makes it suitable for system/software development?

- a) Simplicity
- b) High performance
- c) Interactive features
- d) Easy syntax

5. Why is JavaScript essential in web development?

- a) It makes web pages interactive
- b) It is used for Android app development
- c) It simplifies mathematical calculations
- d) It enhances the security of websites

6. What must be done to the code written in a programming language for it to execute actions?

- a) It must be published
- b) It must be compiled or interpreted
- c) It must be deleted
- d) It must be printed

7. What is a key skill required for learning programming?

- a) Typing speed
- b) Problem-solving skills
- c) Sales skills
- d) Drawing skills

8. Which language is preferred for data science applications?

- a) C++
- b) Java
- c) Python
- d) JavaScript

9. What does the syntax of a programming language refer to?

- a) The cost of the language
- b) The rules and structure of the language
- c) The speed of the language
- d) The color scheme of the code editor

10. How is learning a programming language similar to learning a human language?

- a) Both require understanding rules and syntax
- b) Both require a computer
- c) Both are used to create music
- d) Both are only used in scientific fields