

# Terms and definitions from Course 7, Module 4

## Glossary terms from module 4

**Automation:** The use of technology to reduce human and manual effort to perform common and repetitive tasks

**Conditional statement:** A statement that evaluates code to determine if it meets a specified set of conditions

**Debugger:** A software tool that helps to locate the source of an error and assess its causes

**Debugging:** The practice of identifying and fixing errors in code

**Exception:** An error that involves code that cannot be executed even though it is syntactically correct

**File path:** The location of a file or directory

**Function:** A section of code that can be reused in a program

**Integrated development environment (IDE):** A software application for writing code that provides editing assistance and error correction tools

**Iterative statement:** Code that repeatedly executes a set of instructions

**Log:** A record of events that occur within an organization's systems

**Logic error:** An error that results when the logic used in code produces unintended results

**Parsing:** The process of converting data into a more readable format

**Syntax error:** An error that involves invalid usage of a programming language

**Variable:** A container that stores data

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