Distinguish between a program and an an algorithm.

An algorithm is a step-by-step and logical approach that defines a systematic process for computers to solve a specific problem. It consists of a set of rules that define how a task is to be executed to get the expected results. Algorithms are conceptual and can be described using language or flowcharts. We can implement them in different programming languages. When we use a computer for solving a specific problem, we need to tell these steps to the solution clearly to the computer.

WHERE AS

A program is a set of instructions that a computer follows to perform a specified task. Many programming languages can be used to write computer programs. Some of the popular programming languages include Python, Java, C++, JavaScript, PHP, and Ruby. These high-level programming languages are human-readable and writable. These languages are converted into low-level machine languages by compilers, interpreters, and assemblers within the computer system.