

Programming Language that support multithreads and Language that does not

What is Parallel Programming?

Parallel programming is the process of using a set of resources to solve a problem in less time by dividing the work.

What is Multithreaded Programming?

Multithreaded programming is programming multiple, concurrent execution threads. These threads could run on a single processor. Or there could be multiple threads running on multiple processor cores.

How Does Parallel Programming Differ From Multithreaded Programming?

Parallel programming is a broad concept. It can describe many types of processes running on the same machine or on different machines.

Multithreading specifically refers to the concurrent execution of more than one sequential set (thread) of instructions.

Examples of Programming Language that support multithreading:

1. Java
2. C++
3. C#
4. Go
5. Rust

Examples of Programming Language that does not support multithreading:

1. Ruby
2. Perl
3. MATLAB
4. Python
5. PHP
6. JavaScript