Lambda expression : History or brief description of lambda expression

In mathematics we used lambda calculus. It’s a big change in mathematics (around 1930) and there are many benefits. Because of these benefits programming also started using lambdas.

LISP is the first programming language that used Lambda.

There are many languages that uses Lambda, like LISP, C, C++, Object C, C# .Net, SCALA, RUBY etc.

The recent language that used Lambda is Java ☹

What benefits we get using Java Lambda?

1. To enable functional programming in Java (to send procedure as variable, we can send behavior as argument)
2. To write more readable, maintainable and clean concise code lambda expressions.
3. To use API’s very easily and effectively, we can use Lambda programming
4. To enable parallel processing too, we can use Lambda programming