

Download Functional Programming Languages In Education

In computer science, functional programming is a programming paradigm—a style of building the structure and elements of computer programs—that treats computation as the evaluation of mathematical functions and avoids changing-state and mutable data. It is a declarative programming paradigm, which means programming is done with expressions or declarations instead of statements. The period from the late 1960s to the late 1970s brought a major flowering of programming languages. Most of the major language paradigms now in use were invented in this period: [original research? Speakeasy (computational environment), developed in 1964 at Argonne National Laboratory (ANL) by Stanley Cohen, is an OOPS (object-oriented programming, much like the later MATLAB, IDL (programming ...Functional Programming Principles in Scala from École Polytechnique Fédérale de Lausanne. Functional programming is becoming increasingly widespread in industry. This trend is driven by the adoption of Scala as the main programming language for ...Functional Programming in Scala from École Polytechnique Fédérale de Lausanne. Discover how to write elegant code that works the first time it is run. This Specialization provides a hands-on introduction to functional programming using the ...