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CS3 Group 1

Survey of programming languages Assignment 1.

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**Inventor(s), year of development and paradigms of the following programming languages;**

1. C Programming Language:

- Inventor: Dennis Ritchie
- Year: 1972
- Paradigm: Procedural

2. C++:

- Inventor: Bjarne Stroustrup
- Year: 1983
- Paradigm: Multi-paradigm (Object-oriented, Procedural, Generic)

3. Pascal:

- Inventor: Niklaus Wirth
- Year: 1970
- Paradigm: Procedural, Imperative

4. Linda:

- Inventor: David Gelernter
- Year: 1986
- Paradigm: Concurrent, Distributed

5. Ada:

- Inventors: Jean Ichbiah and a team at CII Honeywell Bull
- Year: 1983
- Paradigm: Multi-paradigm (Object-oriented, Procedural)

6. COBOL:

- Inventors: Grace Hopper, William Selden, et al.
- Year: 1959
- Paradigm: Procedural, Imperative

7. Fortran:

- Inventors: IBM team led by John Backus
- Year: 1957
- Paradigm: Imperative

8. Perl:

- Inventor: Larry Wall
- Year: 1987
- Paradigm: Multi-paradigm (Procedural, Object-oriented)

9. PHP:

- Inventor: Rasmus Lerdorf
- Year: 1994
- Paradigm: Procedural, Object-oriented

10. Java:

- Inventors: James Gosling, Mike Sheridan, Patrick Naughton

- Year: 1995
- Paradigm: Object-oriented, Concurrent, Class-based

#### 11. VB (Visual Basic):

- Inventor: Microsoft Corporation
- Year: 1991 (Visual Basic 1.0)
- Paradigm: Event-driven, Object-oriented

#### 12. Python:

- Inventor: Guido van Rossum
- Year: 1991
- Paradigm: Multi-paradigm (Procedural, Object-oriented)

#### 13. Scheme:

- Inventors: Gerald Jay Sussman, Guy L. Steele Jr.
- Year: 1975
- Paradigm: Functional

#### 14. Prolog:

- Inventors: Alain Colmerauer, Robert Kowalski
- Year: 1972
- Paradigm: Logic programming

#### 15. Lisp / Common Lisp:

- Inventors: John McCarthy
- Year: 1958 (Lisp), 1984 (Common Lisp)
- Paradigm: Multi-paradigm (Functional, Procedural, Object-oriented)