

## High-Level Computer Languages

To make the working paper-free, fast and efficient, the bank will need application software and to maintain them; they will also need IT professionals who are good at programming.

A program written in any of these languages in one particular computer can easily be used on another computer.

To know more about [Important Terms Of Computer Awareness For Bank Exams](#), check at the linked article.

## Important High-Level Computer Languages for Bank Exam Preparation

### C Language

- It was designed by Dennis Ritchie.
- Developed by Dennis Ritchie and Bell Labs.
- File extension is .c Example "HelloWorld.c".
- The extension of C++ is from C language.
- C is not an Object-Oriented Language.
- It is used to write System Software, Application Software.
- UNIX was written in C language.

### JAVA

- Java was developed by James Gosling at Sun Microsystems.
- File extension .java Example (HelloWorld.java).
- After Oracle bought Sun, Oracle became the owner of Java (JVM and JDK).
- Android applications can be developed using Java.
- It is an Object-Oriented Programming (OOP) Language.
- Java is not platform dependent.

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### Visual Basic

- Designed and developed by Microsoft.
- It is a multi-paradigm, object-oriented programming language.
- File extension is .vb Example (hello.vb).
- IDE (Integrated Development Environment) is Visual Studio.

### FORTRAN

- Stands for "Formula Translation".
- Designed by John Backus.
- Developed by John Backus and IBM.

- File extensions are .f, .fo, .f90, .f95, .f03, .f08, .f15.
- Used for engineering calculation, mathematical operations.
- FORTRAN is a general-purpose imperative programming language.

## ALGOL

- It stands for Algorithm Languages.
- Developed in 1958.
- There were three major specialisations of ALGOL: ALGOL 58, ALGOL 60 and ALGOL 68.
- It was designed especially for Scientific implementations.
- Inspiration for various other High-Level Computer Languages was taken from ALGOL.

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## PYTHON

- It is an interpreted, high-level programming language.
- Released in 1991.
- It supports structured, object-oriented and functional programming.
- It used block coding.

## COBOL

- Stands for “Common Business Oriented Language”
- Designed by Howard Bromberg, Howard Discount, Vernon Reeves, Jean E. Sammet, William Selden, Gertrude Tierney.
- Developed by CODASYL, ANSI, ISO.
- File extensions are .cbl, .cob, .cpy.
- It is still widely used in legacy applications deployed on mainframe computers.

## C#

- Pronounced as See sharp.
- Designed and developed by Microsoft.
- File extension .cs.
- Windows mobile application is developed using C#.

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## LISP

- Stands for “List Processing”.
- Designed by McCarthy.
- Developed by Steve Russell, Timothy P. Hart, and Mike Levin.
- Used in AI (Artificial Intelligence).
- It is also suitable for I/O handling and graphics.

## SNOBOL

- Stands for “String Oriented Symbolic Language”.
- Developed by David J. Farber, Ralph E. Griswold, Ivan P. Polonsky and Bell Labs.
- Designed by David J. Farber, Ralph E. Griswold, and Ivan P. Polonsky.
- It is a text-oriented language.

To know at length about the different [upcoming bank exams](#), click at the linked article.

## PROLOG

- Stands for “Programming Logic”.
- Designed by Alain Colmerauer.
- File extension .pl, .pro, .P.
- This language is used for “Artificial Language”.
- Capable of handling a large number of databases.

## BASIC

- Stands for “Beginner’s All-Purpose Symbolic Instruction Code”.
- Designed by John G. Kemeny and Thomas E. Kurtz.
- Used for scientific and engineering operations.

To learn [bank exam preparation](#) in detail, check at the linked article.

## C++

- Designed by Bjarne Stroustrup.
- File extensions .cc, .cpp, .cxx, .C, .c++, .h, .hh, .hpp, .hxx, .h++ example (Hello.cpp).
- C++ is an Object-Oriented Programming Language.
- C# and Java was influenced by C++.

Candidates must carefully go through the important points under each High-level language discussed above as questions based on the same are more likely to be asked in the upcoming Bank and other Government exams.

Also, candidates can check the detailed [Strategy to Prepare for Competitive Exams](#) in the linked article.

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