CYPHERCRESCENT SOFTWARE ACADEMY ASSIGNMENT ON PROGRAMMING LANGUAGES AND THEIR CATEGORIES

BY ISAAC DESMOND

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| **Application and Program Development** | **Artificial Development** | **Database Development** | **Game Development** | **Computer drivers and Hardware Dev** | **Internet and webpage Dev** |
| BASIC | ALGOL | C++ | C++ | Ada | ActionScript |
| Batch File | AIML | dBase | DarkBASIC | Altair BASIC | CSS |
| BCPL | InterLisp | Datalog | GameMaker | Assembly | Curl |
| BeanShell | Lisp | FoxPro | GW Basic | Auto HotKey | DART |
| C# | Prolog | SQL |  | C | HDML |
| C++ | SmallTalk |  |  | CL | HTML |
| Clojure | Zeta Lisp |  |  | Le Lisp | JavaScript |
| COBOL |  |  |  | LOGO | php |
| CoffeeScript |  |  |  | RPG | WHTML |
| Common Lisp |  |  |  | Simula |  |
| D |  |  |  | VHDL |  |
| Dylan |  |  |  |  |  |
| Eulisp |  |  |  |  |  |
| Elixir |  |  |  |  |  |
| F |  |  |  |  |  |
| F# |  |  |  |  |  |
| Fortran |  |  |  |  |  |
| FranzLisp |  |  |  |  |  |
| Haskell |  |  |  |  |  |
| Java |  |  |  |  |  |
| Julia |  |  |  |  |  |
| Kotlin |  |  |  |  |  |
| LiveScript |  |  |  |  |  |
| Lua |  |  |  |  |  |
| MacLisp |  |  |  |  |  |
| MatLab |  |  |  |  |  |
| MUMPS |  |  |  |  |  |
| Nim |  |  |  |  |  |
| Objective C |  |  |  |  |  |
| Ocami |  |  |  |  |  |
| Pascal |  |  |  |  |  |
| Perl |  |  |  |  |  |
| Pick |  |  |  |  |  |
| PureBASIC |  |  |  |  |  |
| Python |  |  |  |  |  |
| R |  |  |  |  |  |
| QBASIC |  |  |  |  |  |
| Racket |  |  |  |  |  |
| Reia |  |  |  |  |  |
| Scheme |  |  |  |  |  |
| Scratch |  |  |  |  |  |
| SGML |  |  |  |  |  |
| Swift |  |  |  |  |  |
| TCL |  |  |  |  |  |
| True BASIC |  |  |  |  |  |
| Turbo PASCAL |  |  |  |  |  |
| Visual BASIC |  |  |  |  |  |
| Visual FoxPro |  |  |  |  |  |
| WML |  |  |  |  |  |
| XLIsp |  |  |  |  |  |
| XML |  |  |  |  |  |
| YAML |  |  |  |  |  |

* Procedural Programming Languages
  + ALGOL
  + Assembly
  + BCPL
  + C
  + dBase
  + MUMPS
  + Pascal
  + Pick
  + PureBASIC
  + QBASIC
* Functional Programming Languages
  + Curry
  + Haskell
  + Clojure
  + Elixir
  + F
  + True BASIC
* Scripting Programming Languages
  + Auto HotKey
  + Batch File
  + CL
  + CoffeeScript
  + GameMaker
  + HDML
  + HTML
  + JCL
  + Reia
  + SPL
* Logic Programming Languages
  + Altair BASIC
  + Datalog
  + Prolog
* Object-Oriented Programming Languages
  + ActionScript
  + C++
  + COBOL
  + Curl
  + DART
  + FoxPro
  + Go
  + Objective C
  + SmallTalk
* Multi-paradigm Languages
  + BeanShell (Object Oriented, Scripting)
  + Ada (Object-Oriented, Functional, Procedural)
  + BASIC (Object Oriented, Procedural)
  + Brooks
  + C# (Mainly Object Oriented)
  + CommonLisp (Procedural, Functional, Object-Oriented)
  + CPL (Procedural, Functional)
  + D (Functional, Procedural)
  + Dylan (Functional, Procedural)
  + Eulisp (Functional, Procedural, Object-Oriented)
  + F# (Functional, Object-Oriented)
  + Fortran (Procedural, Object-Oriented)
  + FranzLisp (Functional, Procedural, Object-Oriented)
  + Java (Functional, Object-Oriented)
  + JavaScript (Functional, Object-Oriented)
  + Julia (Functional, Procedural)
  + Kotlin (Functional, Object-Oriented)
  + Lisp (Functional, Procedural)
  + LiveScript (Functional, Object-Oriented)
  + LeLisp (Functional, Procedural)
  + LOGO (Functional, Procedural)
  + Lua (Scripting, Functional, Procedural, Object-Oriented)
  + MacLisp (Functional, Procedural)
  + MatLab (Functional, Procedural, Object-Oriented)
  + Nim (Functional, Procedural, Object-Oriented)
  + Ocami (Functional, Object-Oriented)
  + Perl (Functional, Object-Oriented)
  + PHP (Functional, Procedural, Object-Oriented)
  + Python (Functional, Procedural, Object-Oriented)
  + R (Functional, Procedural, Object-Oriented)
  + Racket (Functional, Object-Oriented)
  + RPG
  + Ruby (Functional, Procedural, Object-Oriented)
  + Rust (Mainly Functional)
  + Scala (Functional, Object-Oriented)
  + Scheme (Mainly Functional)
  + Simula (Procedural, Object-Oriented)
  + Swift (Functional, Object-Oriented)
  + SQL
  + TCL (Functional, Object-Oriented)