

<b>Characteristics</b>	<b>C++</b>	<b>PYTHON</b>	<b>SHELL SCRIPT</b>
<b>ORTHOGONALLY</b>	Non-orthogonal	Non-orthogonal	Orthogonal
	Programing language	Programing language	Scripting language
<b>OOP</b>	Object oriented	Object oriented	Not object oriented
<b>PROCEDURAL</b>	yes		no
<b>FUNCTIONAL</b>	yes		no
<b>BOOLEAN</b>	Is a data type	Is a function	Not a data type or function
<b>SYNTAX DESIGN</b>	Uses curly braces	Doesn't use curly braces	Doesn't use curly braces
<b>FUNCTION SYNTAX</b>	modifier returnType methodName(parameters){//code}	def methodName(parameters){#code}	Function methodName(){//code}
<b>EXCEPTION HANDLING</b>	Try{//riskyCode} catch{ }	Try: #riskyCode Except: #codeForException Else: #codeForNoException	
<b>ALIASING</b>	Aliasing using reference variables		Giving a name for a command
<b>TYPE CHECKING</b>	Strongly typed		Loosely typed Runtime
<b>EXPRESSIVITY</b>	Shorthand operators Short circuit operators Loops		Shorthand operators Short circuit operators Loops
<b>SUPPORT FOR ABSTRACTION</b>	Supports abstraction		Supports abstraction
<b>SIMPLICITY</b>	Feature multiplicity Operator overloading		feature multiplicity No operator overloading