Sr No.	Parameters	C	Python
1.	**Language Type**	C is a Procedure Oriented programming language (POP).	Python is an Object-Oriented Programming Language (OOP).
2.	**Developer**	Dennis Ritchie	Guido van Rossum, 1991 (version 1.0 - 1994)
3.	**Extension**	C files have extension .c	Python files have extension .py
4.	**Where Used**	C is mostly used to develop software.	Python is mostly used for backend web development, data analysis, AI, and scientific computing.
5.	**Basic Building Block**	Functions (C is function-driven)	Objects (Python is object driven)
6.	**Comment Style**	// single comment line /*---*/ multiple line	# - hash (""" """) triple quotes can also be used.
7.	**Compiled or Interpreted**	C is compiled.	Python is Interpreted.
8.	**Execution speed**	C is faster than Python.	Python Execution is slower than C.
9.	**Syntax Ease (Usage)**	C program syntax is harder than Python.	Python programs are easier to learn, write and read.
10.	**Memory Management**	Manually	Automatic (Garbage Collection)
11.	**Language Nature**	Statically typed language	Dynamically typed language
12.	**Source Code Conversion**	Test expression for control flow constructs return an integer value (0/1) in C.	Test expression for control flow constructs return a Boolean value (true/false) in Python.
13.	**Type Declaration**	In C, we have to declare the type of data.	No need to declare type of data in Python.
14.	**Main function**	Mandatory to run the program.	No need to define the main function.
15.	**Functions**	The function can accept and return the type of value which is already defined.	Functions do not have restrictions on the type of the argument and type of its return value.
16.	**Data Security**	Data is not secured	Data is secured
17.	**Scope and Visibility Resolution**	Semicolon (;) and curly brackets {} are used	Indentation and line breaks are used.
18.	**Do-nothing statement**	; (semicolon)	Pass
19.	**Increment and Decrement Operators**	Supported (++)	Does not support
20.	**Exponentiation Operator**	Does not support	Supports (x**2)
21.	**Logical Operator**	&&, || , !	and, or, not
22.	**Conditional Operator (?:)**	Supported	Does not support
23.	**Division Operator (/) with integers**	Results in integer	Results in float (for integer result, use //)
24.	**Switch case**	Supported	Does not Support
25.	**Use of else with for loop**	Cannot be used	Can be used
26.	**Pointer**	Supported (int *p)	Does not support
27.	**Function inside function**	Allowed	Not Allowed