

BASIC MATHEMATICAL EXPRESSIONS

	Python	C++
addition	+	+
subtraction	-	-
division	/	/
multiplication	*	*
modulo	%	%

LIBRARIES

Python	C++
Import libraryname	#include <libraryname>

SENDING OUTPUT TO TERMINAL

Python	C++
print("output something")	std::cout << "output something";

INITIALIZING VARIABLES

Python	C++
variable = value	datatype variable = value; Example: int x = 5;

COMPARISON OPERATORS

Python	C++
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==	==
!=	!=
>	>
<	<
>=	>=
<=	<=

LOGICAL OPERATORS

Python	C++
and	&&
or	
not	!

CONTROL FLOW

Python	C++
If <i>condition</i> : do this elif: do this else: do this	if (<i>condition</i>) { do this; } else if (<i>condition</i>) { do this; } else (<i>condition</i>) { do this; }
while <i>condition</i> : do this	while (<i>condition</i>) { do this; }
for <i>condition</i> : do this	for (<i>condition</i>) { do this; }

FUNCTION DEFINITIONS

Python	C++
<pre>def function(x, y): code ... return result</pre>	<pre>returndatatype function (datatype x, datatype y) { code ...; return result; }</pre>