



No specific start required

Ruby

Declaring a Variable	C++	int var_1; char var_2; float var_3 = 1.0;
	Java	public int var_1; public char var_1; public float var_3 = 1.0;
	Javascript	var var_1=2; var var_2="This is a string";
	Python	var_1=2 var_2= "This is a string"
	PHP	<pre>\$var_1 = 2; \$var_2="This is a string";</pre>
	C#	<pre>int myInt = 1; float myFloat = 1f; bool myBoolean = true; bool anotherBoolean; string myName = "John"; char myChar = 'a';</pre>
	Ruby	\$var_1=23 //Ruby Global Variable @var_2=23 //Ruby Instance Variable @@var_3=23 //Ruby Class Variable _var_4=23 //Ruby local variable var_5 = 23 //Ruby local variable
Function/Method Declaration	C++	<pre>int function func_01 {    int var_1;    char var_2; }</pre>
	Java	<pre>public static func_01 {     public int var_1;     public char var_2; }</pre>
	Javascript	function func_01 {    var var_1=2;    var var_2="This is a string"; }
	Python	def func_01: var_1=2 var_2= "This is a string"
	РНР	<pre>function func_01 {    var_1=2;    var_2= "This is a string"; }</pre>
	<b>C</b> #	<pre>public int func_01 {   int var_1;   char var_2; }</pre>
	Ruby	def func_01 _var_1=2 _var_2= "This is a string

If Statement	C++	if (x == 100) cout << "x is 100"; else cout << "x is not 100";
	Java	<pre>if( x &lt; 20 ) {     System.out.print("This is if statement"); } else {     System.out.print("This is else statement"); }</pre>
	Javascript	<pre>if (hour &lt; 18) {     greeting = "Good day"; } else {     greeting = "Good evening"; }</pre>
	Python	a = 1 if a > 5:     print "This shouldn't happen." else:     print "This should happen."
	РНР	if (\$t < "20") {     echo "Have a good day!"; }
	C#	a = 1 if (a > 5) Console.WriteLine("Hey! I am Trapped"); else Console.WriteLine("Now I am free");
	Ruby	x=1 if x > 2 puts "x is greater than 2" else puts "I can't guess the number" end

For Loop	C++	for (int n=10; n>0; n) {    cout << n << ", ";   }
	Java	<pre>System.out.print("\n"); String [] names = {"James", "Larry", "Tom", "Lacy"}; for( String name : names ) {     System.out.print( name );     System.out.print(","); }</pre>
	Javascript	for (i = 0; i < cars.length; i++) {     text += cars[i] + " "; }
	Python	for item in items:     print(number, item)     number = number + 1 print( 'loop ended, iteration count = ', number)
	PHP	for (\$x = 0; \$x <= 10; \$x++) {     echo "The number is: \$x "; }
	C#	for (n=10; n>0; n) {     Console.WriteLine("Hey! I am Trapped"); }
	Ruby	for i in 05  puts "Value of local variable is #{i}" end
	C++	cin >> x; //Takes the value from user and stores in x
	Java	Scanner user_input = new Scanner( System.in ); String first_name; System.out.print("Enter your first name: "); first_name = user_input.next( );
	Javascript	var customerName = prompt("Please enter your name", " <name goes="" here="">");</name>
	Python	person = input('Enter your name: ') print('Hello', person)
Taking Input from User	РНР	//In PHP taking input from user will need a PHP form # This is also a one line comment /* PHP also supports C style comments */ <form action="welcome.php" method="post"> Name: <input name="name" type="text"/> E-mail: <input name="email" type="text"/> <input type="submit"/> </form>
	C#	String var_1= Console.ReadLine();
	Ruby	<pre>\$var1 = gets //Takes user input passed as argument \$var2=gets.chomp //Same as above with no line breaks \$var3= STDIN.gets //Reads from console even if ARGV is empty</pre>

Write Operation/ Output	C++	cout << "Output sentence"; // prints Output sentence on screen cout << 120; // prints number 120 on screen cout << x; // prints the value of x on screen
	Java	System.out.print( name );
	Javascript	<h1>My First Web Page</h1> My first paragraph. <script> document.write(5 + 6); </script>
	Python	person = input('Enter your name: ') print('Hello', person)
	PHP	echo "Hello world!"; echo "I'm about to learn PHP!";
	C#	Console.WriteLine("Hey! I am Trapped");
	Ruby	puts "This is awesome"
	C++	int marks [] = {3,4,3,2,1};
	Java	dataType[] arrayRefVar = new dataType[arraySize];
	Javascript	var cars = ["Saab", "Volvo", "BMW"];
	Python	['red', 'green', 'blue'] [1, 3, 5, 7, 9, 11] ['silly', 57, 'mixed', -23, 'example'] //These are Python lists
Arrays	PHP	\$cars = array("Volvo", "BMW", "Toyota");
	C#	int [] marks = new int[] { 99, 98, 92, 97, 95};
	Ruby	nums = Array[1, 2, 3, 4,5]

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