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The difference between Per, PHP and Javascript show as below:

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| --- | --- | --- |
| Perl | PHP | Javascript |
| The syntax for conditional statements is  if (condition) { } elsif (condition) { } else { } | The syntax for conditional statements is  if (condition) { } elseif (condition) { } else { } | The syntax for conditional statements is  if (condition) { } else if (condition) { } else { } |
| The syntax for loop statements is  while(condition)  {  statements;  }  until(condition)  {  statements;  }  for ( init; condition; increment ){  statement(s);  }  for ( init; condition; increment ){  statement(s);  }  do  {  statement(s);  }while( condition ); | The syntax for loop statements is  while(condition)  {  statements;  }  do{  statements;  }while(condition);  for ( init; condition; increment ){  statement(s);  }  foreach (array\_expression as $value){  statement  }  foreach (array\_expression as $key => $value){  statement  }**[1]** | The syntax for loop statements is  while(condition)  {  statements;  }  do(conditon)  {  statements;  }while(condition);  for ( init; condition; increment ){  statement(s);  }  for(var in object){  statements;  }**[2]** |
| The syntax for switch statements is  no switch statement | The syntax for switch statements is  switch (expression) {  case value1:  statements  [break;]  case value2:  statements  [break;]  ...  case valueN:  statements  [break;]  [default:  statements  [break;]]  } | The syntax for switch statements is  switch (expression) {  case value1:  statements  [break;]  case value2:  statements  [break;]  ...  case valueN:  statements  [break;]  [default:  statements  [break;]]  } |
| The syntax for func statements is  sub subroutine{  statements;  } | The syntax for func statements is  function *functionName*() {  statements; } | The syntax for func statements is  function *functionName*() {  statements; } |
| The syntax for array definition is :  $array\_name = (var1, var2..) | The syntax for array definition is :  $array\_name = array(var1, var2..) | The syntax for array definition is :  array\_name = [var1, var2, var3] |
| The systax for class definition is  Does not support class definition | The systax for class definition is  class phpClass {  var $var1;  var $var2 = "constant string";    function myfunc ($arg1, $arg2) {  [..]  }  [..]  } | The systax for class definition is  Does not support class definition |

The key difference between the three scripting languages(Perl, PHP, Javascript ) and Java :

* Java codes needs to be compiled, while scripting languages don’t need to be complied, scripting languages are just plain text.**[3]**
* Java is Strongly typed languages , while the three scripting languages are dynamic languages. When we declare a value in Java, we have to specify the value type.
* Java is quite hard to learn, and write java application is quite complexed, while the three scripting languages are much easy to learn
* Java is a programing language while the other three are scripting languages
* Java runs faster than the other three scripting languages

Reference:

[1]: <http://php.net/manual/en/language.control-structures.php>

[2]:<https://developer.mozilla.org/en-US/docs/Web/JavaScript/Guide/Loops_and_iteration>

[3]: <https://www.java.com/en/download/faq/java_javascript.xml>