| Perl Help |  |  |
| :---: | :---: | :---: |
| Instal Package | \$ sudo apt-get install perl-doc |  |
| perldoc eerldoc | Look up Perl documentation in Pod format |  |
| perldoc eeftioc | Perl documentation | Table of Contents (TOC) |
| perldoc perl | Basisc language interpreter |  |
| perldoo perfunc | List of builtin Perl functions |  |
| perldo - - f function_nam | Help with a specific function |  |
| perldoc perlop | Listof Perl operators and precedence |  |
| perldoc perlmodil | For constructing pe | modules and findin |
| perldoc perllocal | Locally installed modules list (ff any) |  |
| perldoc <module_name> | Localy installed modules list (ff any) |  |
| Comparison operators |  |  |
|  | Arithmetic | Strings |
| Less than | < | $1 t$ |
| Greater than | , | gt |
| Less than of equal | <= | le |
| Greater than or equal | >= | ge |
| Equality | = | eq |
| Inequaliy | ! $=$ | ne |
| Boolean operators |  |  |
| Descripition |  | Example |
| C.Style Logical AND | ${ }^{2}$ | ${ }_{\text {(Sa } 8 \text { \& S Sb }}^{\text {S }}$ is false |
| Logical AND operator | and | (Sa and Sb) is false |
| C-style Logical OR operator | 11 | (Sal \|Sb) is tue |
| Logical OR operator | or | tue |
| C-style Logical NOT | ! | !(Sa) is false |
| Logical NoT operator | not | not(Sa) is false |
| Quotes (\$foo = 5; |  |  |
| Single-quotes - Literal data enclosing | Sbar $=$ 'it is worth Stoo'; | worth Sto |
| Double-quotes Interpolated data enclosing enclos | Sbar " "tis worth Stoo", | tit worth 5 |
| chara | \$bar = "it is \"worth\" \$foo" \$bar = 'it is \'worth\' \$foo'; | it is "Worth" 5 |
|  |  | itis ' worth' Stoo |
| Without quotes | \$bar = q(it is 'worth' \$foo); \$bar = qq(it is "worth" \$foo); | itis ' worth' Stoo |
|  |  | itis 'worth' 5 |
| Assoc | Operators | Description |
| left | terms and list operators | See |
| left | -> | nfix dereferenc |
|  | =++ | Autoincrement (magical on strings). |
|  | -- | Auto-decerement. |
| right | ** | Exponentiation. |
| right | 1 | Reference to an object (unary). |
| right | ! ~ | Unay negation, bitwse complement. |
| right | +- | Unay plus, minus. |
| left | = ~ | Binds a scalar expression to a pattern |
| left | ! ~ | Same, but negates the result. |
| left | * / \% x | Multipicaion, division, moduo, repetition. |
| left | + - . | Addition, subtration, ooncatenation |
| left | 》<< | Bixwse shift ight, biewse sifit let. |
|  | named unary operators | E.9.s.sin, chilif, 5 , M M. |
|  | < > <= >= <br> lt gt le ge | Numerical relational operators. String relational operators. |
|  | $\begin{aligned} & ==\text { ! }\langle=> \\ & \text { ne cmp } \end{aligned}$ |  (equal) $\qquad$ |
| left | \& | Bimus Ano. |
| left | \\| | Bilwise OR, exclusive or. |
| left | 2\% | Logicalano. |
| left | 11 | Logical OR. <br> In scalar context, range operator. |
|  | .. |  |
|  |  | Conditional (fi? then: :sese) pepatar. |
| right | ?: |  |
| right | = += -- * etc. | Assignment operators <br> Comma operator, also list element |
| left | , |  |
| left | => | Same, enforces the left operand to be a string. |
|  | list operators (rightward) | See below. |
| right | not | Low precedencese logical NOT . |
| left | and | Low preededence logical AnD. |
| left | or xor |  |



