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Perl display and pass command line arguments with @argv

Posted by [Vivek Gite](#) <vivek@nixcraft.com>



[1]

Q. How do I read or display command-line arguments with Perl?

A. Perl command line arguments stored in the special array called @ARGV.

ARGV example

Use `$ARGV[n]` to display argument.

Use `$#ARGV` to get total number of passed argument to a perl script.

For example, if your scriptname is foo.pl and you called script as follows:

./foo.pl one two three

You can print one, two, three command line arguments with print command:

```
print [2] "$ARGV[0]\n";  
print [2] "$ARGV[1]\n";  
print [2] "$ARGV[2]\n";
```

Or just use a loop to display all command line args:

```
#!/usr/bin/perl -w  
foreach $num (0 .. $#ARGV) {  
    print [2] "$ARGV[$num]\n";  
}
```

Here is an example ([download link](#) ^[3]):

```
#!/usr/bin/perl -w  
if ( $#ARGV != 2 ) {  
    print [2] "usage: mycal number1 op number2\neg: mycal 5 + 3 OR mycal 5 - 2\n";  
    exit [4];  
}  
$n1=$ARGV[0];  
$op=$ARGV[1];  
$n2=$ARGV[2];  
$ans=0;  
if ( $op eq "+" ) {  
    $ans = $n1 + $n2;  
}  
elsif ( $op eq "-" ) {  
    $ans = $n1 - $n2;  
}  
elsif ( $op eq "/" ) {  
    $ans = $n1 / $n2;  
}  
elsif ( $op eq "*" ) {  
    $ans = $n1 * $n2;  
}  
else {  
    print [2] "Error: op must be +, -, *, / only\n";  
    exit [4];  
}
```

```
}  
print [2] "$ans\\n";
```

Save and run script as follows:

```
$ chmod +x mycal.pl  
$ ./mycal.pl  
$ ./mycal.pl 5 + 3
```

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