

Learning Perl

Exercises 12

<https://github.com/onevc/LearningPerl>

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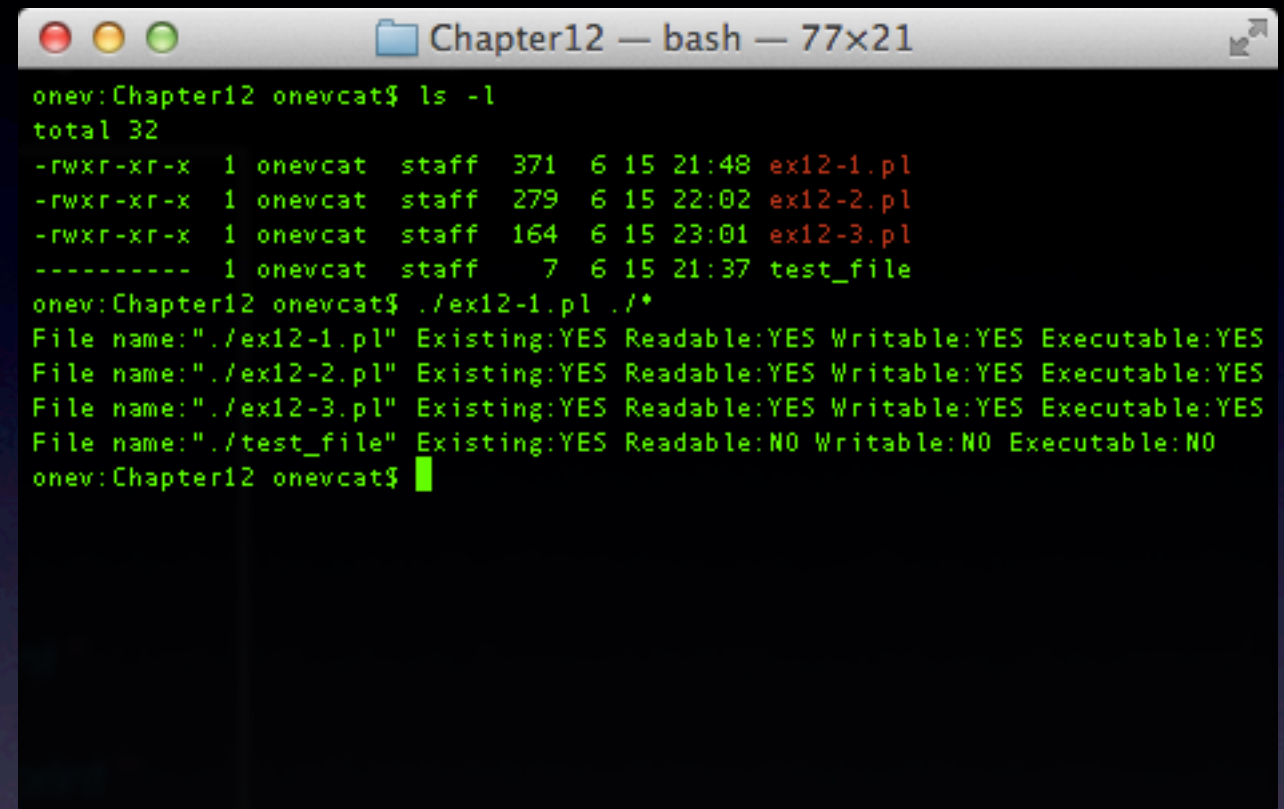
問題 1

ソースコード:

```
#!/usr/bin/perl
use strict;

sub testFile
{
    print "File name:\"$_[0]\"";
    (-e $_[0]) ? print " Existing:YES" : print "
Existing:NO";
    (-r $_[0]) ? print " Readable:YES" : print "
Readable:NO";
    (-w $_[0]) ? print " Writable:YES" : print "
Writable:NO";
    (-x $_[0]) ? print " Executable:YES" : print "
Executable:NO";
    print "\n";
}

foreach (@ARGV) {
    testFile($_);
}
```



A terminal window titled "Chapter12 — bash — 77x21" showing the execution of the Perl script. The user runs `ls -l` and `./ex12-1.pl ./`. The output of the script shows file permissions and existence for `ex12-1.pl`, `ex12-2.pl`, `ex12-3.pl`, and `test_file`.

```
onev:Chapter12 onevc$ ls -l
total 32
-rwxr-xr-x  1 onevc  staff   371  6 15 21:48 ex12-1.pl
-rwxr-xr-x  1 onevc  staff   279  6 15 22:02 ex12-2.pl
-rwxr-xr-x  1 onevc  staff   164  6 15 23:01 ex12-3.pl
-----  1 onevc  staff     7  6 15 21:37 test_file
onev:Chapter12 onevc$ ./ex12-1.pl ./
File name:"./ex12-1.pl" Existing:YES Readable:YES Writable:YES Executable:YES
File name:"./ex12-2.pl" Existing:YES Readable:YES Writable:YES Executable:YES
File name:"./ex12-3.pl" Existing:YES Readable:YES Writable:YES Executable:YES
File name:"./test_file" Existing:YES Readable:NO Writable:NO Executable:NO
onev:Chapter12 onevc$
```

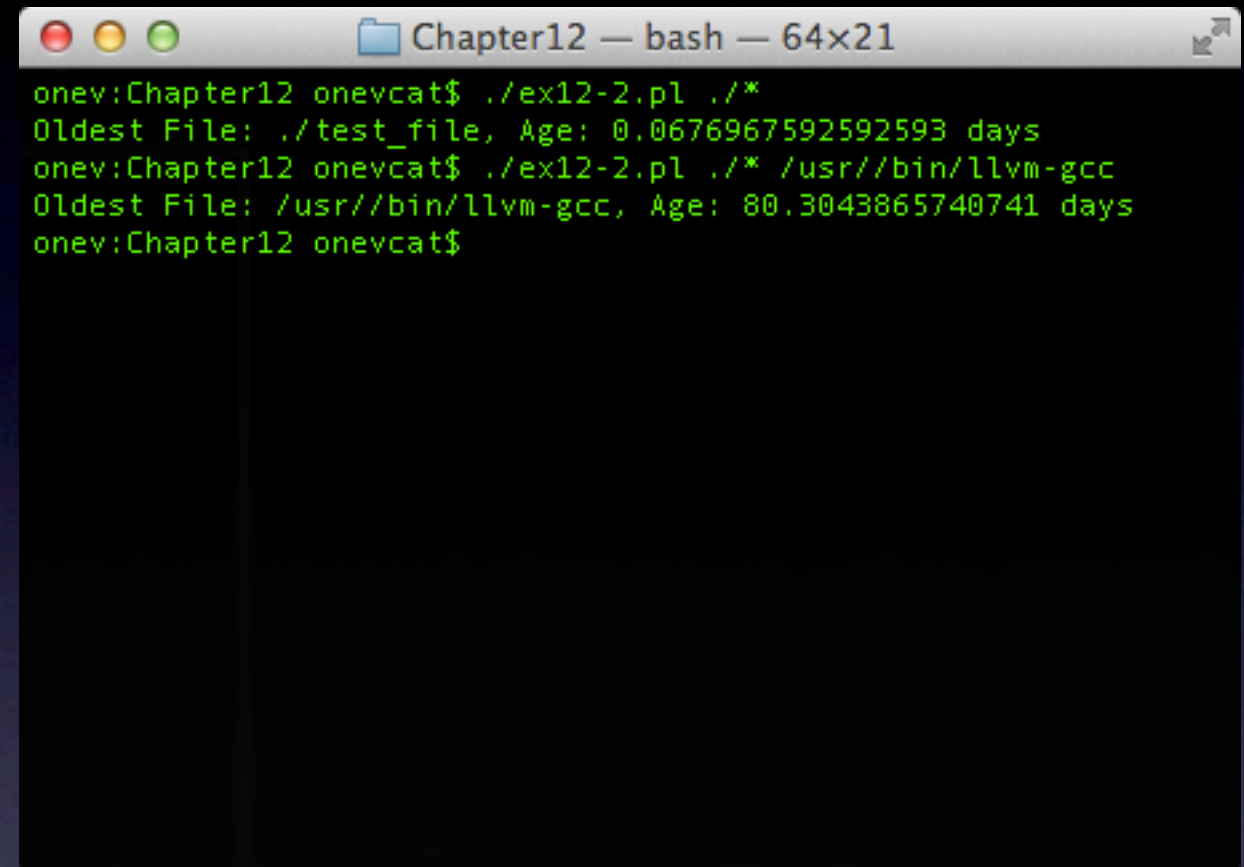
問題 2

ソースコード:

```
#!/usr/bin/perl
use strict;

my $oldestFileName;
my $oldestFileTime;
foreach (@ARGV) {
    if (-M > $oldestFileTime) {
        $oldestFileName = $_;
        $oldestFileTime = -M;
    }
}

$oldestFileName ? print "Oldest File:
$oldestFileName, Age: $oldestFileTime days
\n" : die "No File Name.\n";
```



```
Chapter12 — bash — 64x21
onev:Chapter12 onevc$ ./ex12-2.pl ./
Oldest File: ./test_file, Age: 0.0676967592592593 days
onev:Chapter12 onevc$ ./ex12-2.pl ./ /usr//bin/llvm-gcc
Oldest File: /usr//bin/llvm-gcc, Age: 80.3043865740741 days
onev:Chapter12 onevc$
```


問題 3

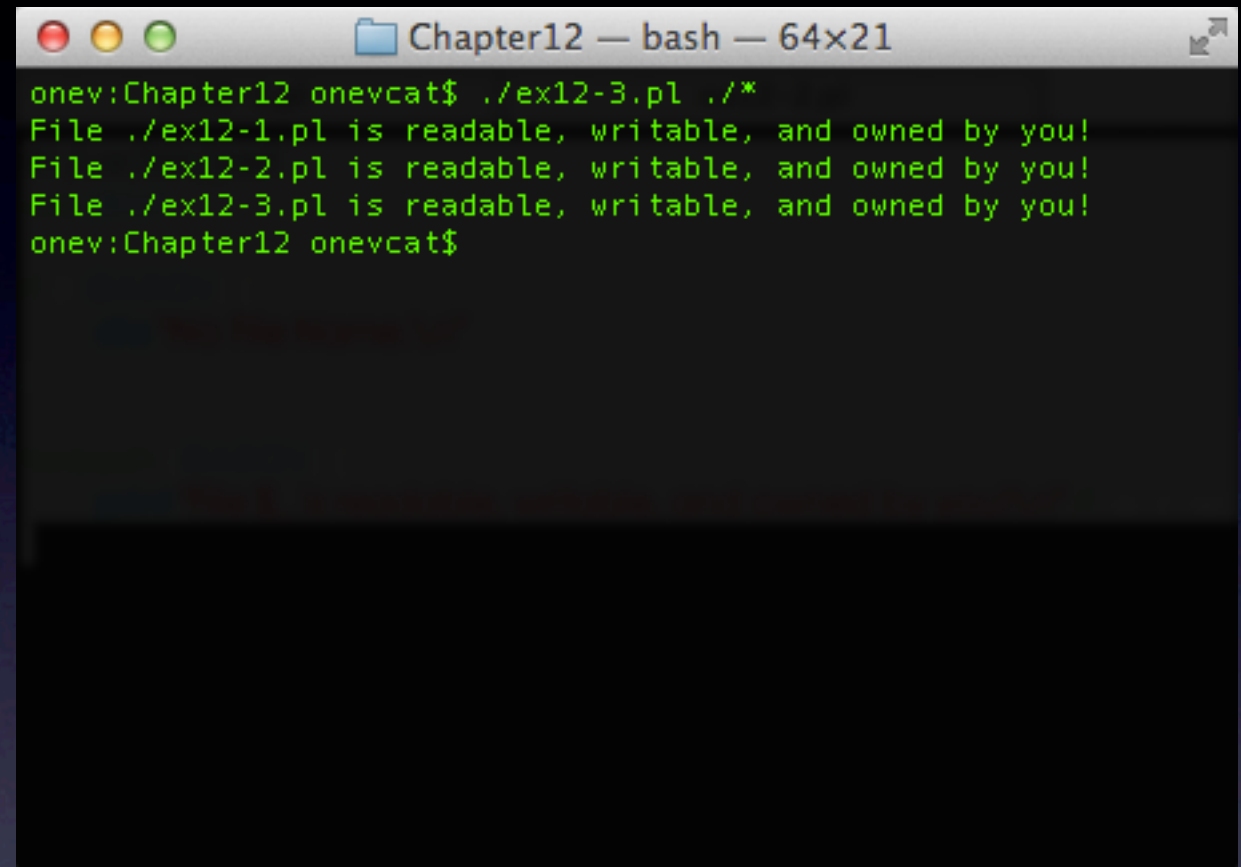
ソースコード:

```
#!/usr/bin/perl
```

```
use strict;
```

```
if (! @ARGV) {  
    die "No File Name.\n";  
}
```

```
foreach (@ARGV) {  
    print "File $_ is readable,  
writable, and owned by you!\n" if  
-o -r -w;  
}
```



```
Chapter12 — bash — 64x21  
onev:Chapter12 onevc$ ./ex12-3.pl ./*  
File ./ex12-1.pl is readable, writable, and owned by you!  
File ./ex12-2.pl is readable, writable, and owned by you!  
File ./ex12-3.pl is readable, writable, and owned by you!  
onev:Chapter12 onevc$
```