

Learning Perl

Exercises 7

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

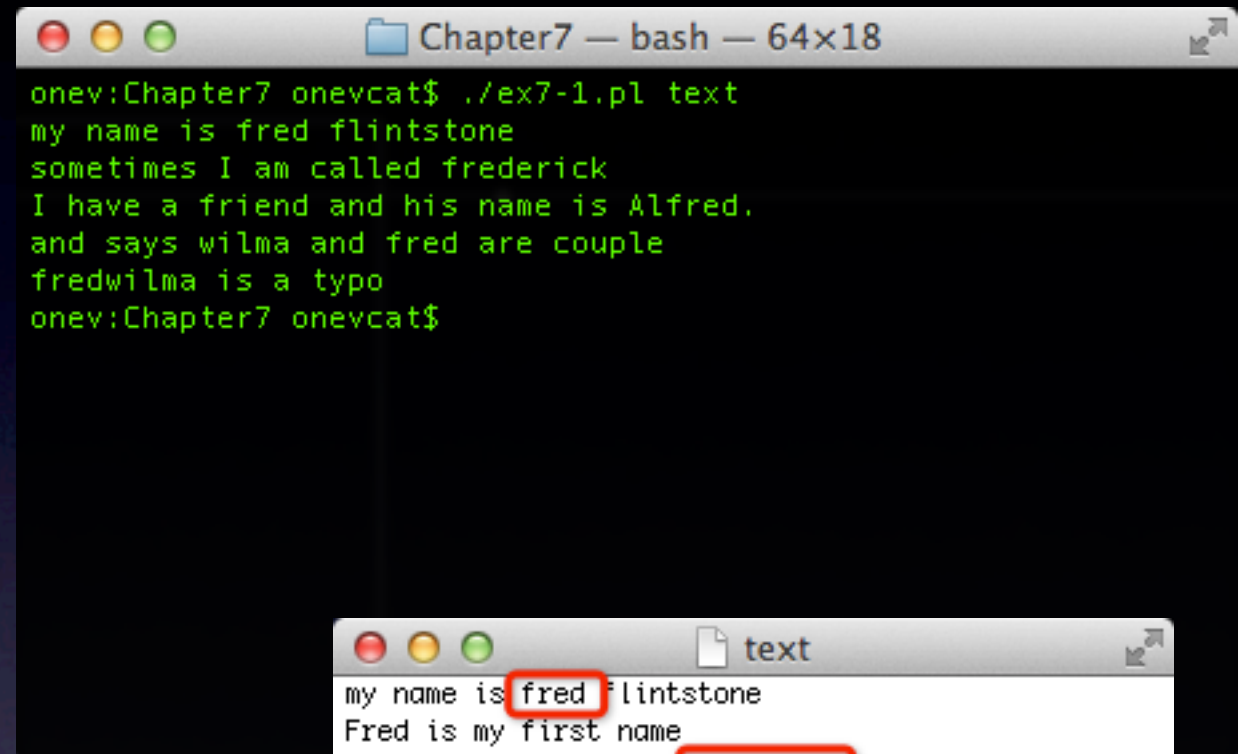
王巍

問題 1

ソースコード:

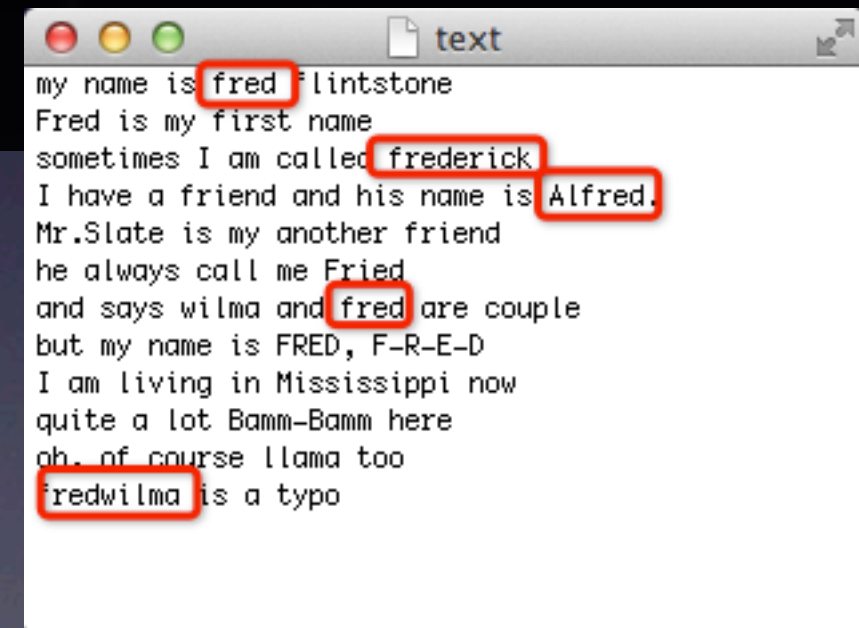
```
#!/usr/bin/perl  
use strict;
```

```
while (<>) {  
    if (/fred/) {  
        print;  
    }  
}
```



A terminal window titled "Chapter7 — bash — 64x18" showing the execution of the script. The prompt is "onev:Chapter7 onevc\$". The command entered is "./ex7-1.pl text". The output is:

```
my name is fred flintstone  
sometimes I am called frederick  
I have a friend and his name is Alfred.  
and says wilma and fred are couple  
fredwilma is a typo  
onev:Chapter7 onevc$
```



A text file named "text" showing the output of the script. The content is:

```
my name is fred flintstone  
Fred is my first name  
sometimes I am called frederick  
I have a friend and his name is Alfred.  
Mr.Slate is my another friend  
he always call me Fried  
and says wilma and fred are couple  
but my name is FRED, F-R-E-D  
I am living in Mississippi now  
quite a lot Bamm-Bamm here  
oh, of course llama too  
fredwilma is a typo
```

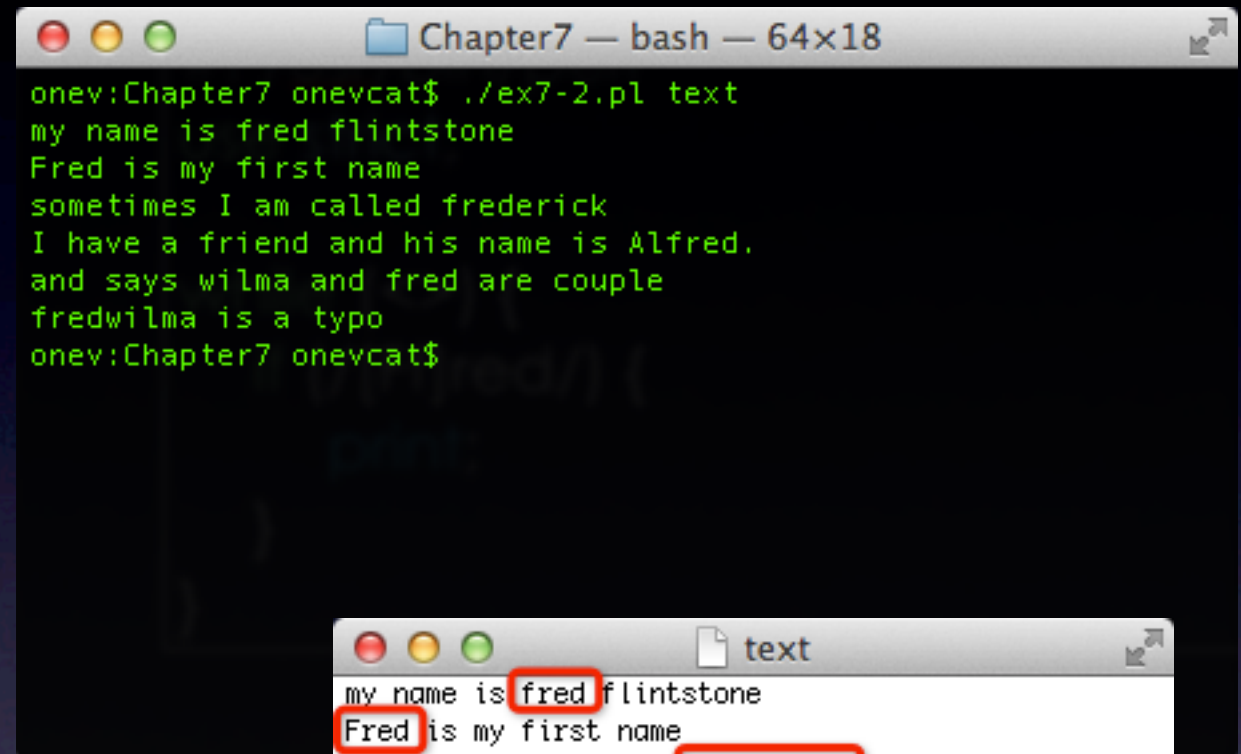
Red boxes highlight the words "fred", "frederick", "Alfred", "fred", and "fredwilma", which are the matches found by the script.

問題 2

ソースコード:

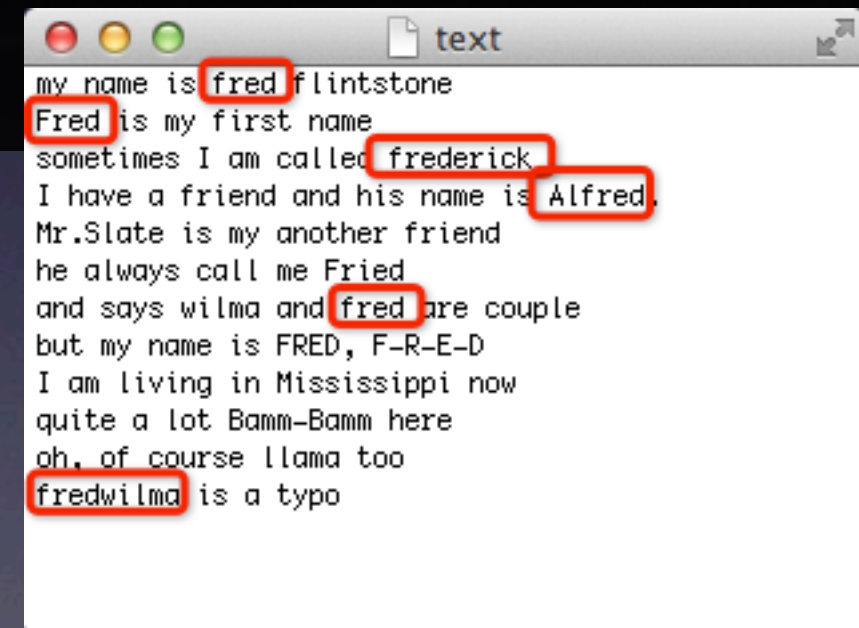
```
#!/usr/bin/perl
use strict;

while (<>) {
    if (/[Ff]red/) {
        print;
    }
}
```



A terminal window titled "Chapter7 — bash — 64x18" showing the execution of the script `./ex7-2.pl text`. The output is as follows:

```
onev:Chapter7 onevc$ ./ex7-2.pl text
my name is fred flintstone
Fred is my first name
sometimes I am called frederick
I have a friend and his name is Alfred.
and says wilma and fred are couple
fredwilma is a typo
onev:Chapter7 onevc$
```



A text file named "text" containing the same content as the terminal output. The words "fred", "Fred", "frederick", "Alfred", and "fredwilma" are highlighted with red boxes, indicating the matches found by the Perl script.

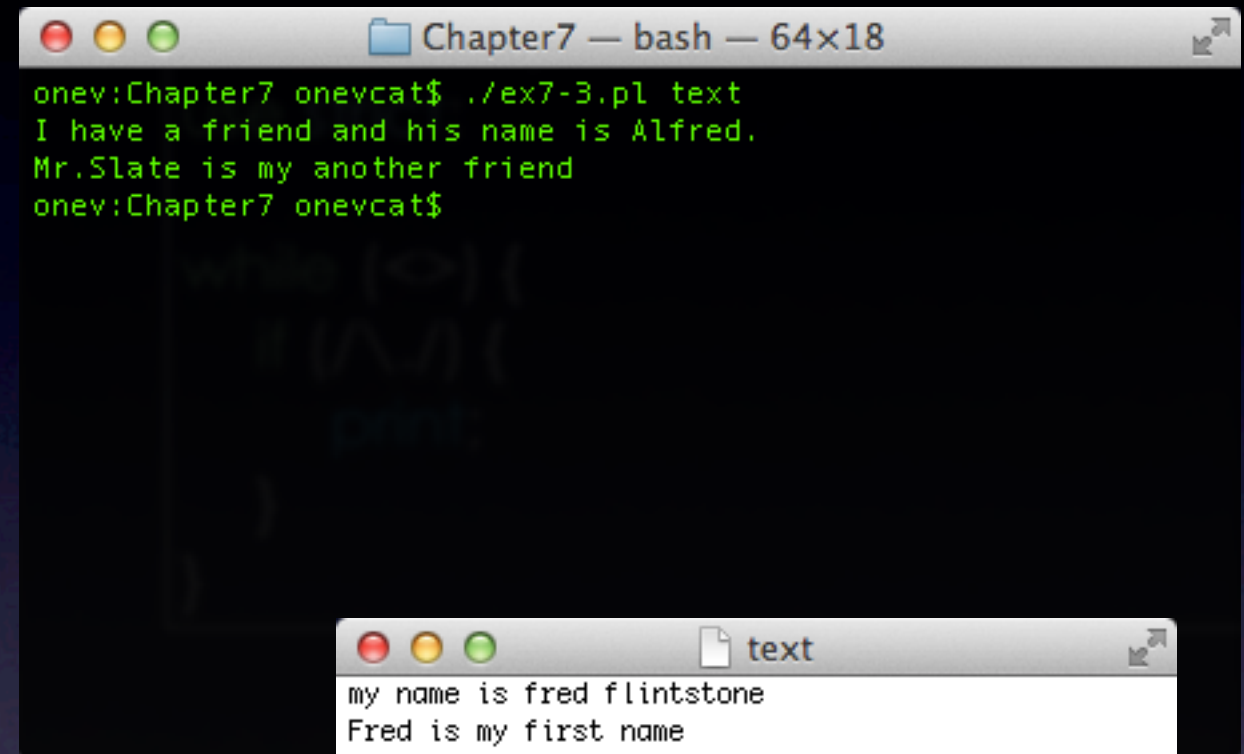
```
my name is fred flintstone
Fred is my first name
sometimes I am called frederick
I have a friend and his name is Alfred.
Mr.Slate is my another friend
he always call me Fried
and says wilma and fred are couple
but my name is FRED, F-R-E-D
I am living in Mississippi now
quite a lot Bamm-Bamm here
oh, of course llama too
fredwilma is a typo
```


問題 3

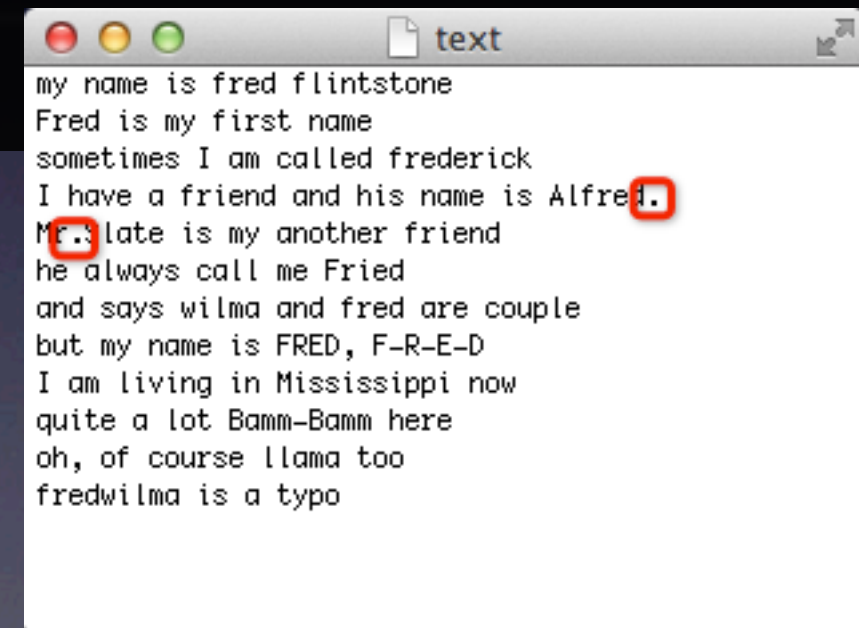
ソースコード:

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

```
while (<>) {  
    if (/\.\/) {  
        print;  
    }  
}
```



A terminal window titled "Chapter7 — bash — 64x18" showing the execution of the script. The prompt is "onev:Chapter7 onevcat\$". The command entered is "./ex7-3.pl text". The output is:
I have a friend and his name is Alfred.
Mr.Slate is my another friend
onev:Chapter7 onevcat\$



A text file named "text" containing the following text:
my name is fred flintstone
Fred is my first name
sometimes I am called frederick
I have a friend and his name is Alfred.
Mr.Slate is my another friend
he always call me Fried
and says wilma and fred are couple
but my name is FRED, F-R-E-D
I am living in Mississippi now
quite a lot Bamm-Bamm here
oh, of course llama too
fredwilma is a typo

Red boxes highlight the period at the end of "Alfred." and the 'S' in "Mr.Slate".

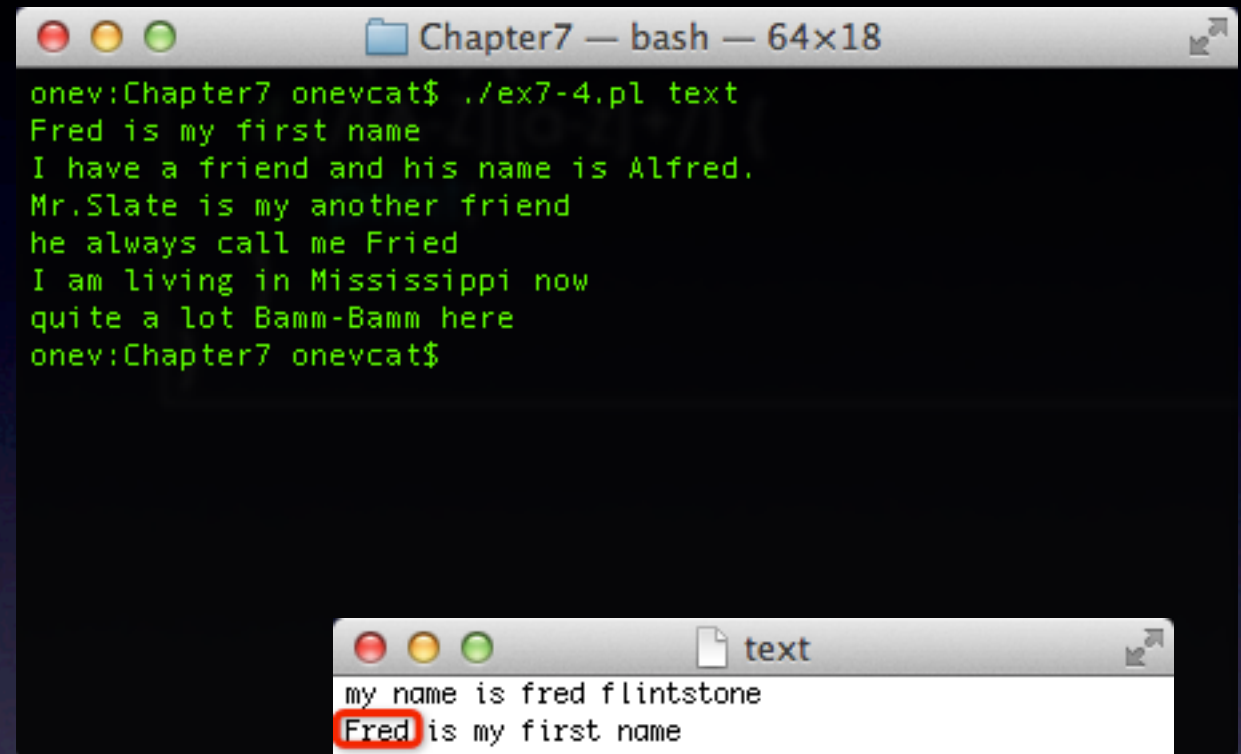
問題 4

ソースコード:

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

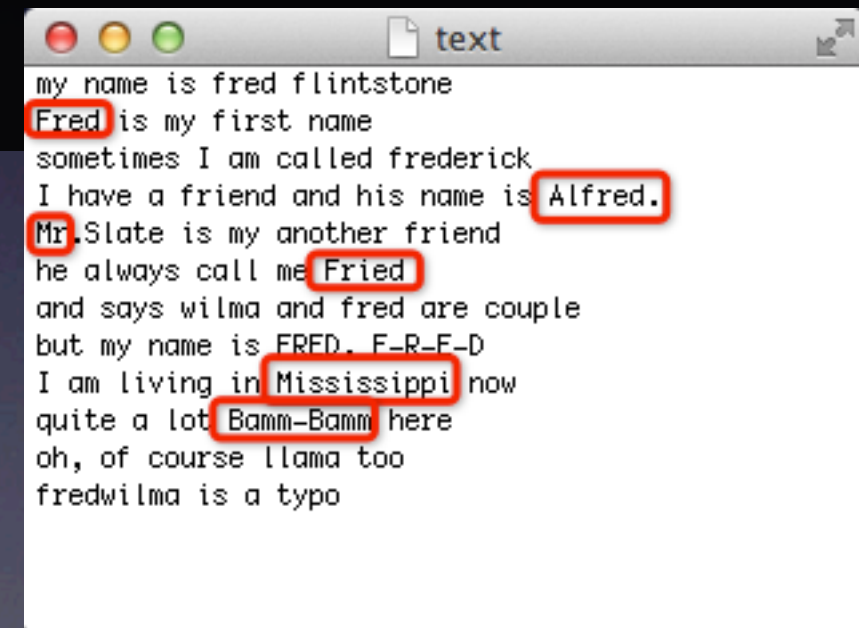
```
use strict;
```

```
while (<>) {  
    if (/[A-Z][a-z]+)/ {  
        print;  
    }  
}
```



A terminal window titled "Chapter7 — bash — 64x18" showing the execution of the script `./ex7-4.pl text`. The output displays the original text from the file, with some words highlighted in green in the original image: "Fred", "Alfred.", "Fried", "Mississippi", and "Bamm-Bamm".

```
onev:Chapter7 onevc$ ./ex7-4.pl text  
Fred is my first name  
I have a friend and his name is Alfred.  
Mr.Slate is my another friend  
he always call me Fried  
I am living in Mississippi now  
quite a lot Bamm-Bamm here  
onev:Chapter7 onevc$
```



A text file named "text" containing the following content. Several words are highlighted with red boxes: "Fred", "Alfred.", "Mr.", "Fried", "Mississippi", and "Bamm-Bamm".

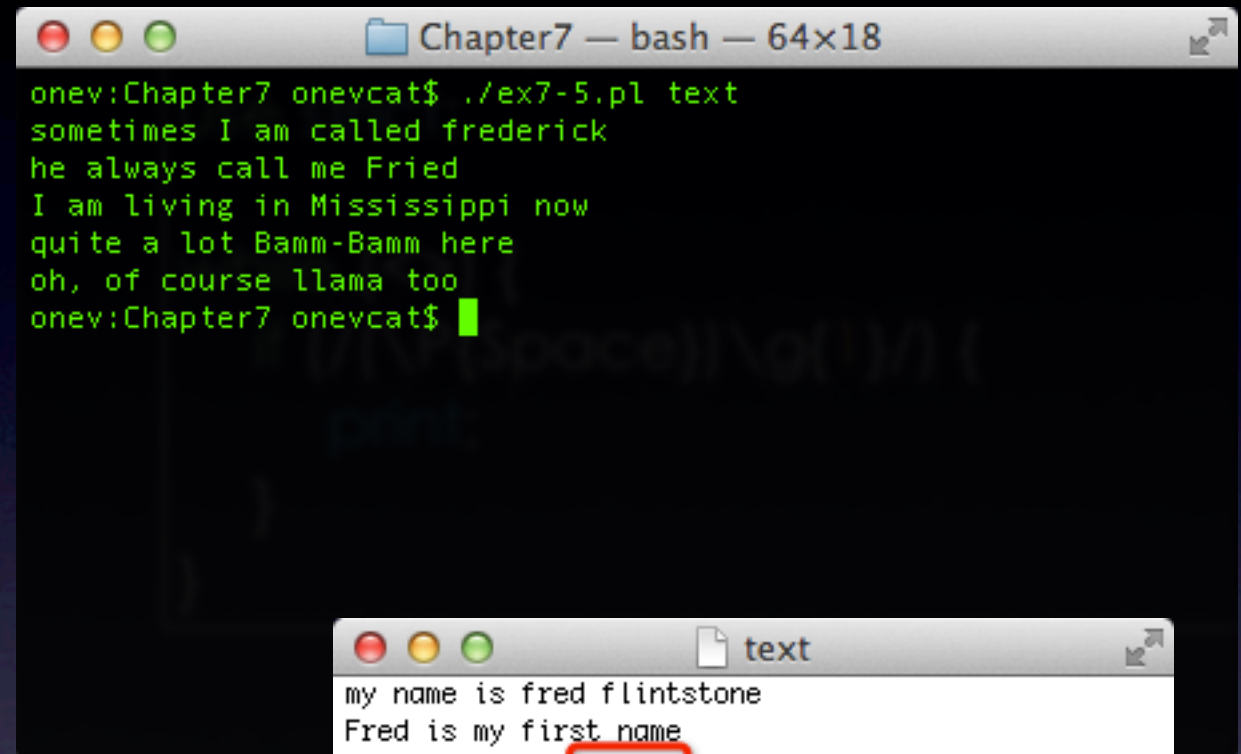
```
my name is fred flintstone  
Fred is my first name  
sometimes I am called frederick  
I have a friend and his name is Alfred.  
Mr.Slate is my another friend  
he always call me Fried  
and says wilma and fred are couple  
but my name is FRED. F-R-E-D  
I am living in Mississippi now  
quite a lot Bamm-Bamm here  
oh, of course llama too  
fredwilma is a typo
```

問題 5

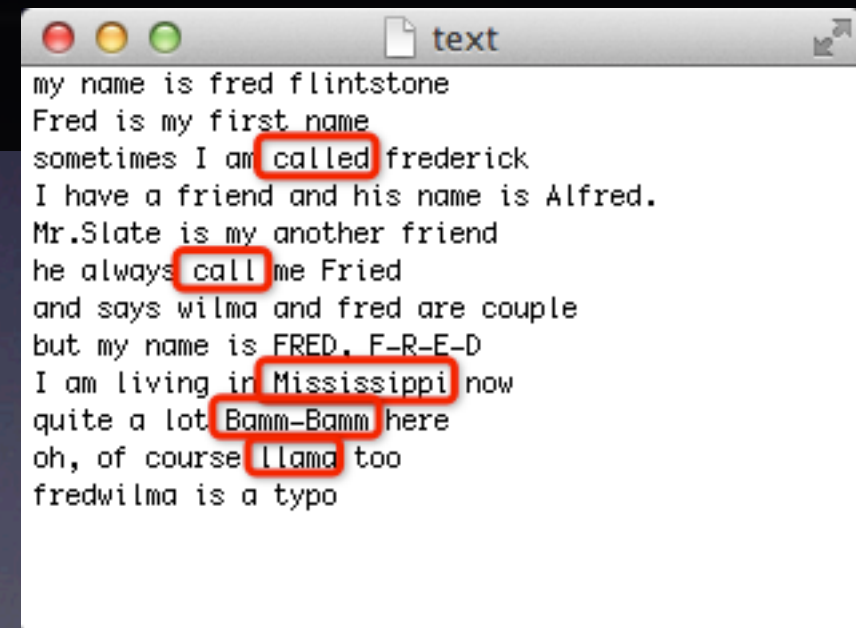
ソースコード:

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

while (<>) {
    if (/(\P{Space})\g{1}/) {
        print;
    }
}
```



A terminal window titled "Chapter7 — bash — 64x18" showing the execution of the script `./ex7-5.pl text`. The output is a list of words from the input file, one per line, with spaces removed. The words are: `sometimes`, `I`, `am`, `called`, `frederick`, `he`, `always`, `call`, `me`, `Fried`, `I`, `am`, `living`, `in`, `Mississippi`, `now`, `quite`, `a`, `lot`, `Bamm-Bamm`, `here`, `oh`, `,`, `of`, `course`, `llama`, `too`.



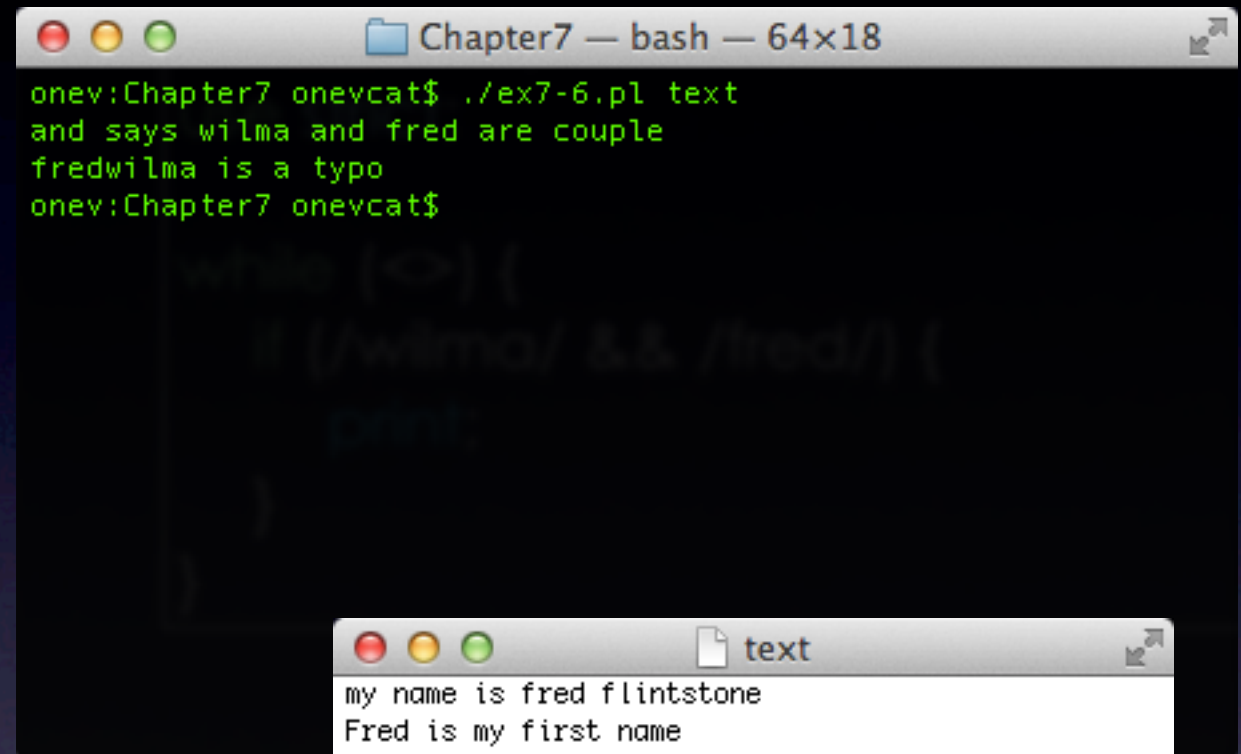
A text file window titled "text" showing the original input text. The text is: `my name is fred flintstone
Fred is my first name
sometimes I am called frederick
I have a friend and his name is Alfred.
Mr.Slate is my another friend
he always call me Fried
and says wilma and fred are couple
but my name is FRED. F-R-E-D
I am living in Mississippi now
quite a lot Bamm-Bamm here
oh, of course llama too
fredwilma is a typo`

問題 6

ソースコード:

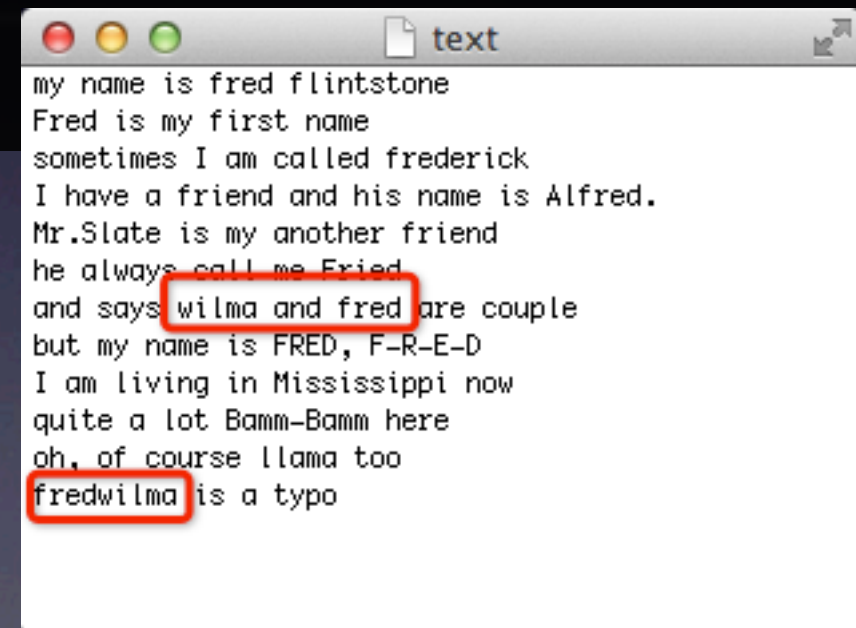
```
#!/usr/bin/perl
use strict;

while (<>) {
    if (/wilma/ && /fred/) {
        print;
    }
}
```



A terminal window titled "Chapter7 — bash — 64x18" showing the execution of the script. The prompt is "onev:Chapter7 onevc\$". The command entered is "./ex7-6.pl text". The output is:

```
and says wilma and fred are couple
fredwilma is a typo
onev:Chapter7 onevc$
```



A text file named "text" containing the following content:

```
my name is fred flintstone
Fred is my first name
sometimes I am called frederick
I have a friend and his name is Alfred.
Mr.Slate is my another friend
he always call me Fred
and says wilma and fred are couple
but my name is FRED, F-R-E-D
I am living in Mississippi now
quite a lot Bamm-Bamm here
oh, of course llama too
fredwilma is a typo
```

The lines "and says wilma and fred are couple" and "fredwilma is a typo" are highlighted with red boxes, indicating they match the script's criteria.