

**Perl Exercises 2** - Use telnet to login to the Redhat 6 Linux computer in 303. You will use the learning.pl and data.txt files from the previous lab. If you have not done so already, create an executable directory with the following command:

```
mkdir bin
```

Copy the learning.pl file into the new directory:

```
cp learning.pl bin
```

The file will now be found by bash when you issue a command such as:

```
learning.pl data.txt
```

Remove the copy of learning.pl from your top-level directory:

```
rm learning.pl
```

Edit the copy of learning.pl in the bin directory with vi:

```
vi bin/learning.pl
```

1. Change line 4 of the file to read:  
print if /[0-9]/;  
Then rerun the script. (Use "learning.pl data.txt"). What happens?
2. Change line 4 of the file to read:  
print if /^[0-9]/;  
Then rerun the script. What happens?
3. Change line 4 of the file to read:  
print if /\w+;/  
Then rerun the script. What happens?
4. Change line 4 of the file to read:  
print if /\w+ \w+ \w+ \w+ \w+ /;  
Then rerun the script. What happens?
5. Change line 4 of the file to read:  
print if /(\d+) x (\d+) = .\*/;  
Then rerun the script. What happens?
6. Change line 4 of the file to read:  
print if /(\d+) x \d{3} = .\*/;  
Then rerun the script. What happens?
7. Change line 4 of the file to read:  
print if /\W+;/  
Then rerun the script. What happens?
8. Change line 4 of the file to read:  
print if /\w{5}\s/;  
Then rerun the script. What happens?
9. Change line 4 of the file to read:  
print if /Sun?;/  
Then rerun the script. What happens?
10. Change line 4 of the file to read:  
print if /Sun\?;/  
Then rerun the script. What happens?
11. Change line 4 of the file to read:  
print if /[:,!]/;  
Then rerun the script. What happens?

12. Change line 4 of the file to read:  

```
print if /^[^:,!]/;
```

  
Then rerun the script. What happens?
13. Change line 4 of the file to read:  

```
print if /put/;
```

  
Then rerun the script. What happens?
14. Change line 4 of the file to read:  

```
print if /\bput\b/;
```

  
Then rerun the script. What happens?
15. Change line 4 of the file to read:  

```
print if /(The Sea!\s){2}/;
```

  
Then rerun the script. What happens?
16. Change line 4 of the file to read:  

```
print if /Sun/;
```

  
Then rerun the script. What happens?
17. Change line 4 of the file to read:  

```
print if /\bSun\b/;
```

  
Then rerun the script. What happens?
18. Change line 4 of the file to read:  

```
print if /\w{10}/;
```

  
Then rerun the script. What happens?
19. Change line 4 of the file to read:  

```
print unless /\w{10}/;
```

  
Then rerun the script. What happens?
20. Change line 4 of the file to read:  

```
print if /^the/;
```

  
Then rerun the script. What happens?
21. Change line 4 of the file to read:  

```
print if /^The/;
```

  
Then rerun the script. What happens?
22. Change line 4 of the file to read:  

```
print if /^[Tt]he/;
```

  
Then rerun the script. What happens?
23. Change line 4 of the file to read:  

```
print if /ola$/;
```

  
Then rerun the script. What happens?
24. Change line 4 of the file to read:  

```
print if /^Apple.*ola$/;
```

  
Then rerun the script. What happens?
25. Change line 4 of the file to read:  

```
print if /^Appl.*ola$/;
```

  
Then rerun the script. What happens?