

# Intro to Computer Programming: week 2

This week's homework:

Synopsis:

- Write Perl program that creates a web page
- Read Intro to Perl

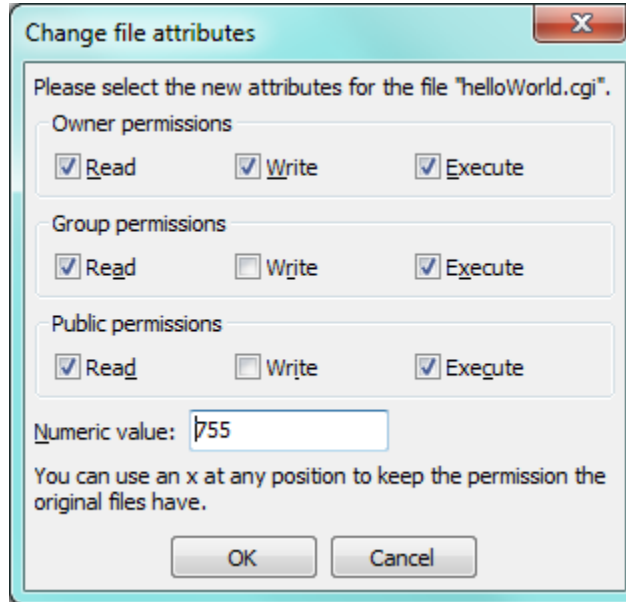
Details:

1. Write a short Perl program that creates a web page
  - a. Create a text file called **helloWorld.cgi** with text editor
    - i. Use the Perl print statements and the exit statement to print out html tags and content of page as desired.
    - ii. Example code:

```
#!/usr/local/bin/perl
print "Content-type: text/html\n\n";
print '<html> <body>';
print '<p>Hello World</p>';
print '</body></html>';
exit 0;
```

- b. FTP upload Perl program file to cgi-bin directory on your web site.
  - i. Use FileZilla to upload file
  - ii. After upload URL to file will be [http://your\\_first\\_name.ohsu.net/cgi-bin/helloworld.cgi](http://your_first_name.ohsu.net/cgi-bin/helloworld.cgi)

- iii. Change file permissions to execute
  1. Do this in FileZilla after upload
  2. Right click on file and choose 'File permissions'
  3. In new dialog select 'Execute' for each section and click 'OK' (see below)



- c. Add html anchor tags in your web site home page index.html to create a link to your program
  - i. Example HTML:

```
<a href=http://your_first_name.ohsu.net/cgi-bin/helloworld.cgi>My first program</a>
```

2. Read the following sections on PerlIntro (http links)
  - a. [What is Perl](#)
  - b. [Basic syntax](#)
  - c. [Perl variable types](#)
  - d. [Variable scoping](#)
  - e. [Conditional and looping constructs](#)
  - f. [Builtin operators and functions](#)