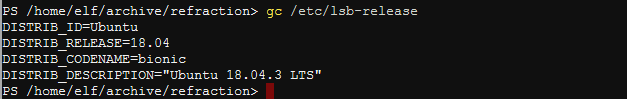
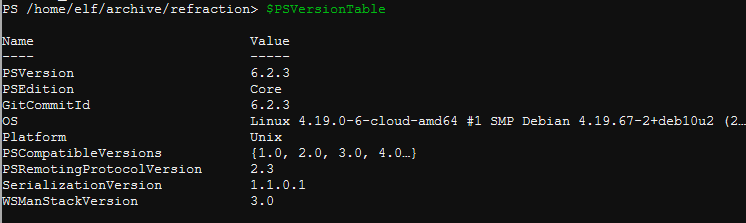
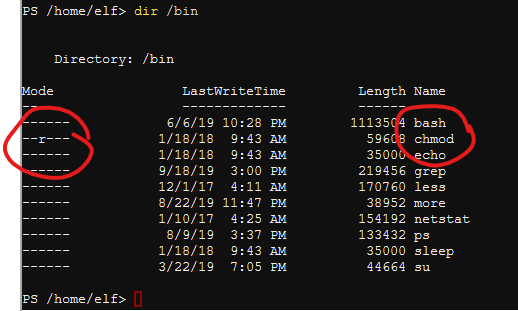
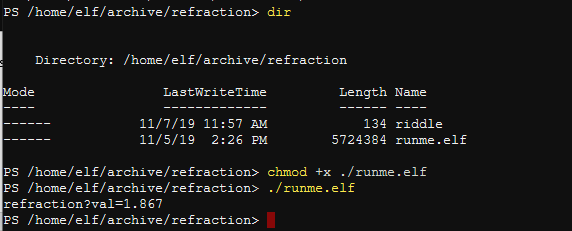
# Christmas Cheer Laser, part 10

## Answers to Previous Questions

1. What OS is this terminal runnning?  
   The file system looks like Linux. Check with these two commands.  
     
   Yes, it’s Linux.  
     
   PowerShell Core 6.2.3 on Ubuntu 18.04.3
2. How do you run a brand new script/executable in this OS? (If you need a hint look in /bin. The permissions aren’t in rwx format, but there is still useful information.)  
   In Linux, a script or executable has to have the execute permission, the ‘x’ in ‘rwx’.  
   You normally add that permision with chmod +x filename  
   In /bin, we find that chmod may be available.  
   
3. What is the value of the last parameter?  
     
   The value of the fourth parameter is refraction?val=1.867.

Use the parameters you’ve found and the API information from (Invoke-WebRequest -Uri <http://localhost:1225/).RawContent> to return the laser to operation. Note: It’s a good idea to turn the laser off, make the changes, then turn the laser on and check status. Also, the gas values are submitted by a POST instead of a GET request.

## Question

What commands did you use to restore the laser to operation?