Exercise 1

1. 1. ls /usr/bin
   2. man ls
   3. ls -l /usr/bin
   4. cd /usr/bin
      ls -d a*
   5. . represents the current directory
      .. represents the previous directory
   6. ls *.py
2. 1. vi file1.txt
   2. This is some text
   3. :wq
3. 1. cp file1.txt file1_copy.txt
   2. rm file1.txt
   3. ls
4. 1.cat file1_copy.txt
   2.cat file1_copy.txt > file1_contents.txt
   3.cat file1_contents.txt
   4.cat file.txt >> file1_contents.txt
   5.cat file1_contents.txt
   6.cat file1_copy.txt > file1_contents.txt
      cat file1_contents.txt
5. 1.cd ~/class/ex1/
   2.head ex1.bed
      tail ex1.bed
   3.head -50 ex1.bed
   4.tail -25 ex1.bed
   5.more ex1.bed
   6.less ex1.bed
6. 1.mkdir myDir
   2.rmdir myDir
   3.mkdir myDir
   4. cp file1_contents.txt myDir
   5.rmdir myDir
   6.rm myDir
   7.mkdir -p dir1/dir2
7. 1.echo $PS1
   2.ls -a
   3.vi .bash_rc
   4.i
      export PS1="\[\033[38;5;10m\]\u\[$(tput sgr0)\]@\[$(tput
      sgr0)\]\[\033[38;5;13m\]\h\[$(tput sgr0)\]:\[$(tput
      sgr0)\]\[\033[38;5;14m\]\w\[$(tput sgr0)\]\\$ \[$(tput sgr0)\]"
      :wq

8.  1.cd ~/class/ex1
    2.wc -w ex1.bed
    3.wc -l ex1.bed
9.  1.perl -e 'foreach(1..100){print $_."\n"; print STDERR ($_ / 2)."\n"}'
    2.perl -e 'foreach(1..100){print $_."\n"; print STDERR ($_ / 2)."\n"}' 1> myOut.txt
    3.perl -e 'foreach(1..100){print $_."\n"; print STDERR ($_ / 2)."\n"}' 2>myErr.txt
    4.perl -e 'foreach(1..100){print $_."\n"; print STDERR ($_ / 2)."\n"}' 1> myOut.txt 2>
    myErr.txt
    5.perl -e 'foreach(1..100){print $_."\n"; print STDERR ($_ / 2)."\n"}' 2&>1 mySeq.txt
10  1.seq 0 .5 100 > longSeq.txt
    2.cat longSeq.txt | head -50 | tail -1
    3.cat longSeq.txt | tail +13
    4.cat longSeq.txt | tail -13
    5.head -50 longSeq.txt | tail +45 | wc -c