Consider the following directory hierarchy:

```
/  
  |  
  | bin  usr  etc  users  lib  
  |    |    |    |    |    
  |    |    |    |    |    
  |    |    |    |    admin  staff  student  
  |    |    |    |    |    |    |    
  |    |    |    |    |    |    | jon  steve  
```

Give the answers to each of the following questions. If a solution is not possible or a command would give an error, you may just answer "error".

1. What is the absolute path to the directory named “steve”?

2. If you are in the directory named "staff", give a single command using a relative path to change to the directory named "steve".

3. Give the output you will see if you are in the “admin” directory and type `pwd`.

4. What will the output be if you type `ls` in the root directory?

5. You are currently in the “student” directory. What directory will you be in after the command `cd ../..` executes?