Assignment Day 8 | 9th December 2020

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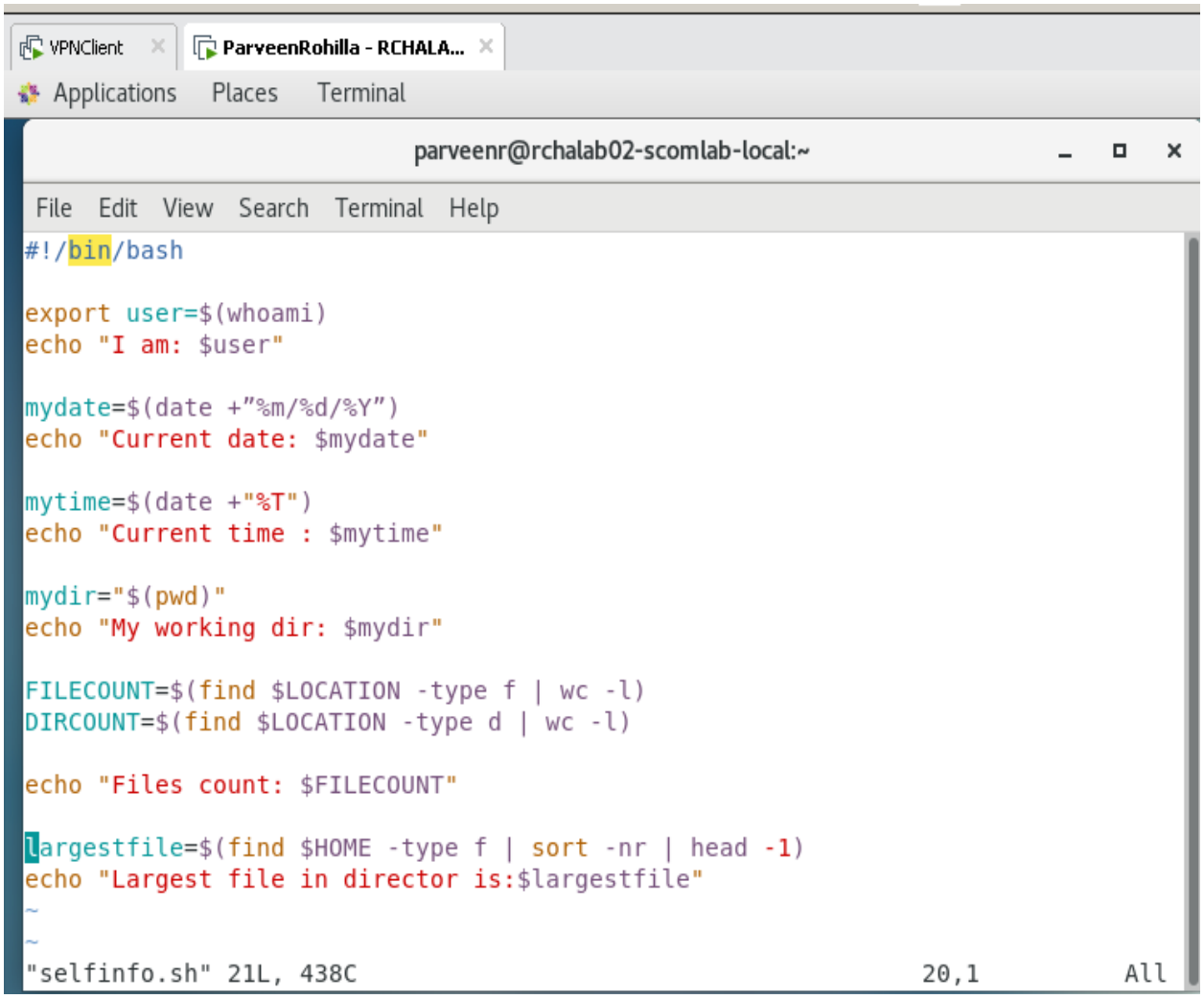
Assignment 0

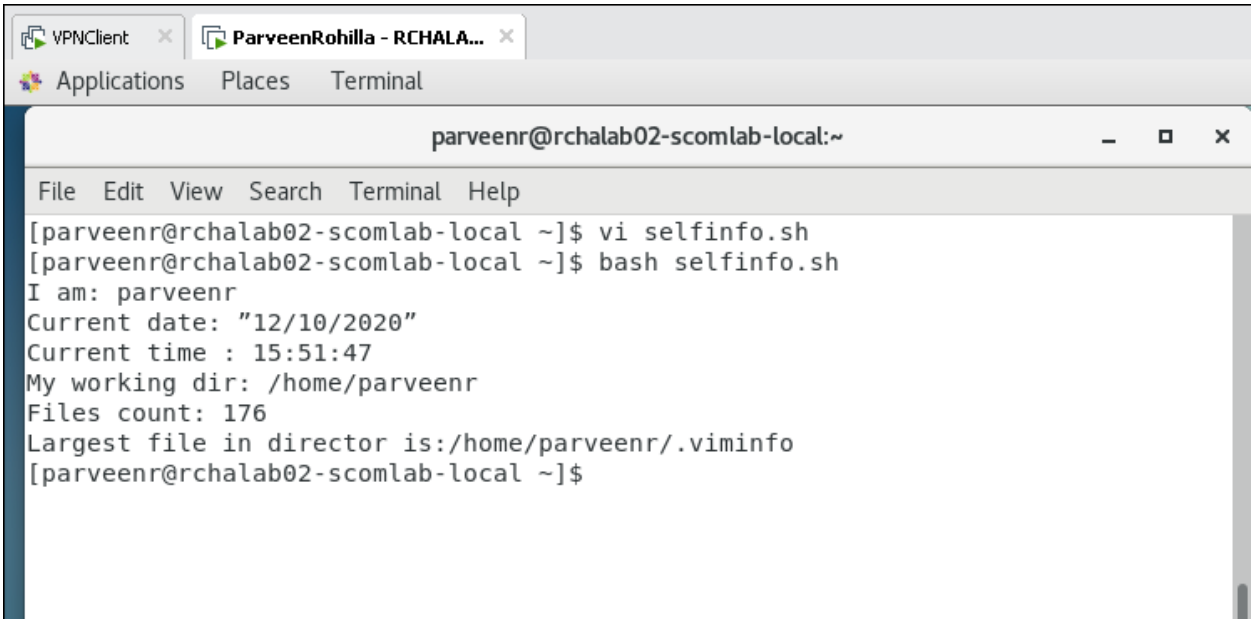
1. Create a simple shell script to tell the user about their session – they need to know:

- What their username is
- What the current date is
- What the time is
- What their current working directory is
- How many files they have in that directory
- What is the biggest file in their current directory

1. Script for above mention question is as:

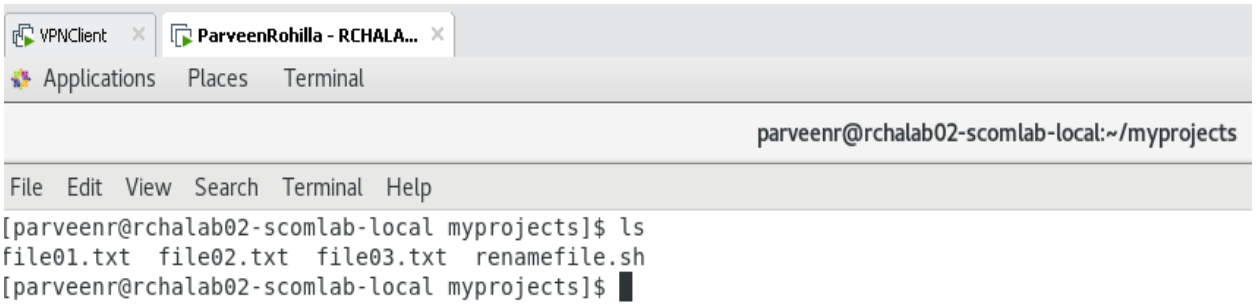


2. After execution of script we get the following mention output.

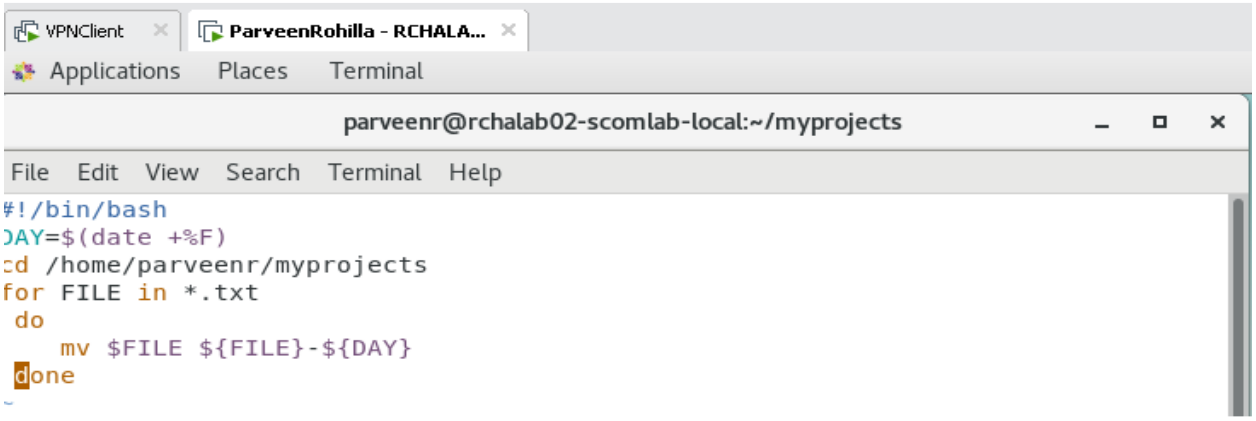


Assignment 1
Create a directory with a few test files in it (the files can be empty). Now write a script that for every file in that directory you rename it to have an extension of today's date in YYYYMMDD format.

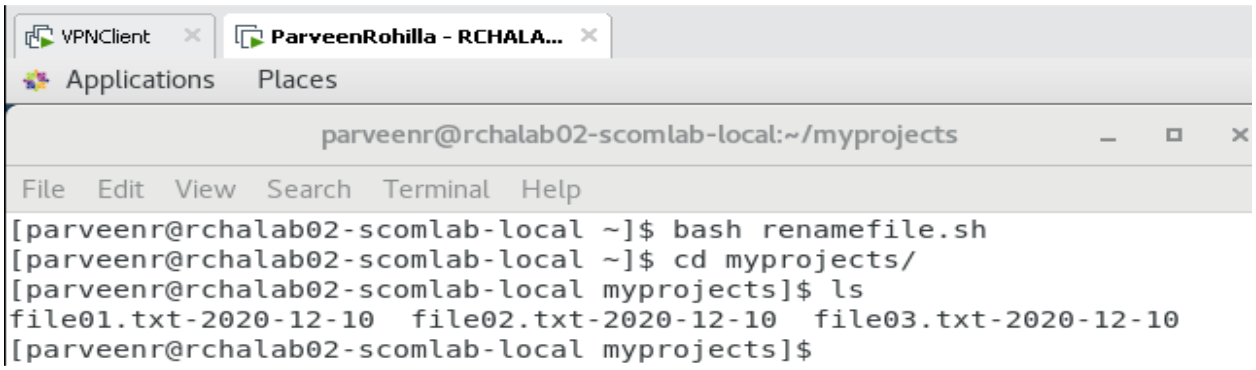
1. View the current name of files in the directory with ls command.



2. Create a script file to rename the file extensions.



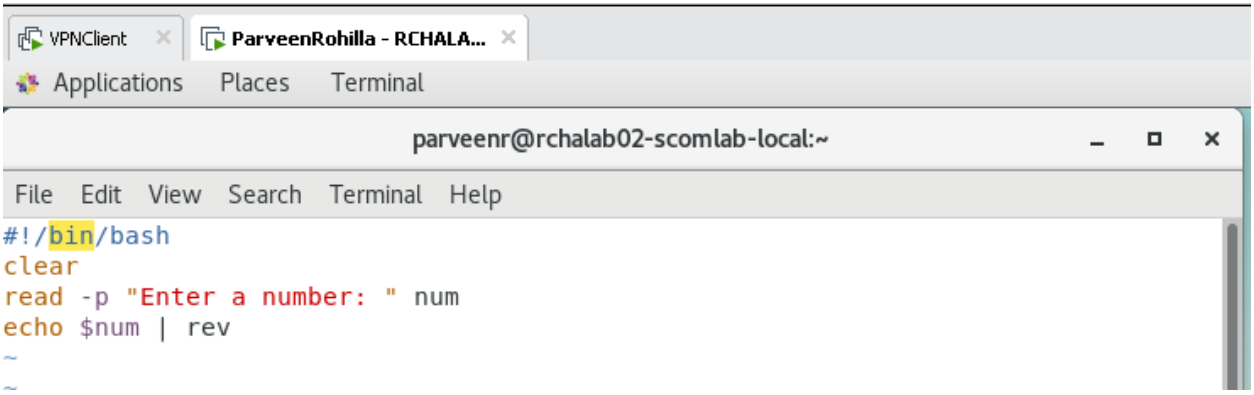
3. After execution of script, file extension name change with current date.



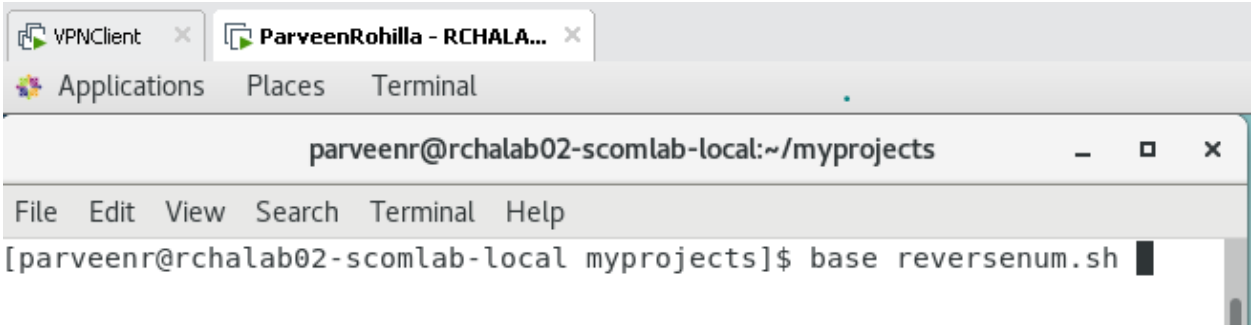
Assignment 2

Write a script that takes a number as an input and reverses it out to the user. For example, if the original number is 74985, the output should be 58947.

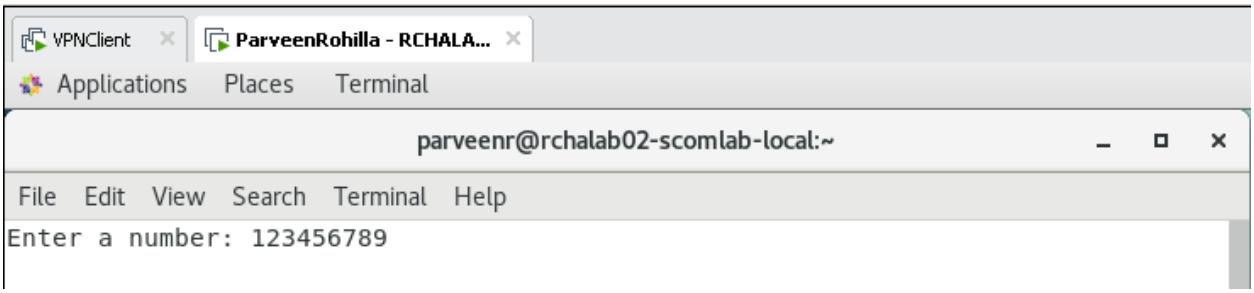
1. First create a script to reverse the number and name it to reversenum.sh



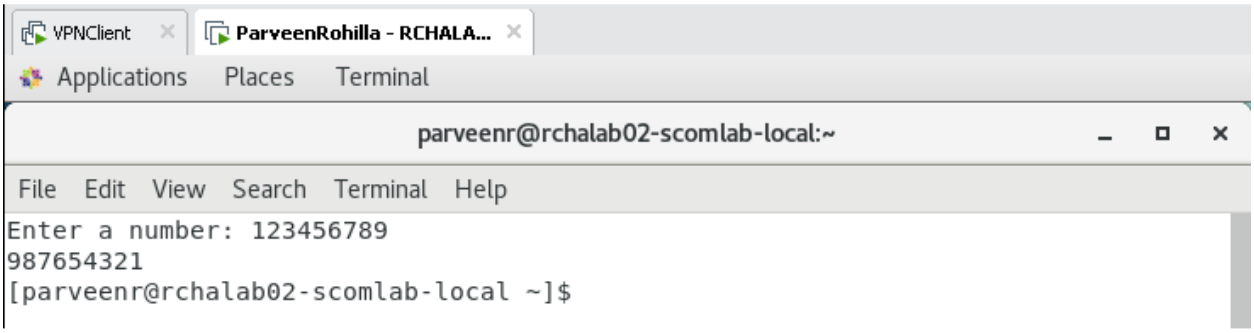
2. Execute the script as mention below.



3. Enter the desired number.



4. We receive the output in reverse order as shown below.

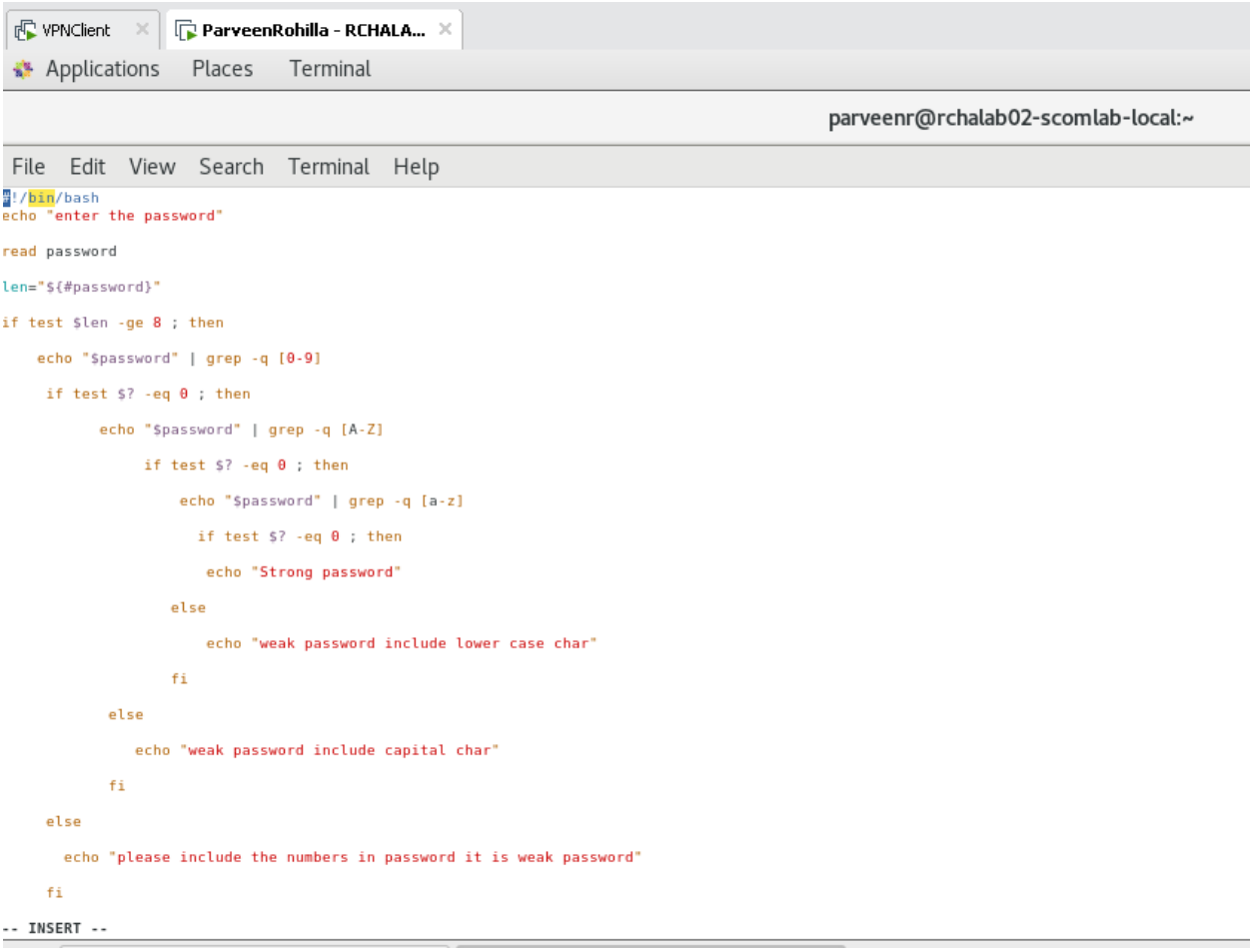


Assignment 3

Write a script to validate how secure someone's password is. Things you would care about:

- Length should be 8 or more characters
- The password should contain numbers and letters
- There should be both uppercase and lowercase letters

1. Script to solve the above requirement is as:



2. Output of the script is as: