the local variable will not be found in the new terminal because it is not permantly stored in bashrc. It's stored in local copy of it created when new process of bash is opened

Section 2:

1) ls /usr/bin > /tmp/commands.list

2)

to display date after logging
>> open bashrc
>> echo "Today's date: $(date)"

to change the prompt permanently.
>> PS1='\[\e[1;32m\]\u@\h \[\e[1;34m\]\w \[\e[0m\]$(date +"%H:%M:%S") \$ '
>> source ~/.bashrc (to save changes permantly)

3)

command name: wc
count words in file: wc -w file.txt
count files in directories: wc -w /tmp/commands.list

4)

1) cat filename1 | cat filename2 >> prints content of filename2
2) ls | rm >> error
3) ls /etc/passwd | wc –l >> missing oath to directory in wc command

5) sudo find / -type f -name ".profile"
6) ls -i for each directory

7) ln -s /etc/passwd /boot
8) it's not possiable b/c the src directory and destination directory are on different filesystems.
9)   '>' is the prompt symbol and configured through env var "PS2"
       PS2=':'