Filter commands

1. Create a file containing the following data. Use tabs to separate the fields.

1234 Juan 14.25

4321 George 21.11

6781 Anna 16.77

1451 Ben 21.77

2277 Tuan 18.77

2. Sort the file according to the first field

3. Swap fields 2 and 3 store it in another file.

4. Encrypt this file line by line(the last line becomes the first, the line before the last line becomes the

second and so on) , store the result in another file

5. Copy the last line of the above file into another file.

6. Create the following file. (Need not type the headings)

ID Hourly Rate Hours Worked

1420 12.56 45

3456 14.56 22

2341 45.12 34

1122 23.56 28

1443 23.23 19

2351 67.90 56

8001 7.00 14

(a). Print the number of workers

(b). Show the worker who is paid the highest hourly rate.

(c). Sort the file based on ID

7. Write a command to change all lowercase letters in a file to uppercase

shivanirudh@shiva-ideapad:~/Desktop/UNIX/FilterCommands$ vi Problem.txt

shivanirudh@shiva-ideapad:~/Desktop/UNIX/FilterCommands$ sort -k 1n Problem.txt

1234 Juan 14.25

1451 Ben 21.77

2277 Tuan 18.77

4321 George 21.11

6781 Anna 16.77

shivanirudh@shiva-ideapad:~/Desktop/UNIX/FilterCommands$ vi Worker.txt

shivanirudh@shiva-ideapad:~/Desktop/UNIX/FilterCommands$ wc -l Worker.txt

8 Worker.txt

shivanirudh@shiva-ideapad:~/Desktop/UNIX/FilterCommands$ sort -k 2n Worker.txt|head -n1 Worker.txt

1420 12.56 45

shivanirudh@shiva-ideapad:~/Desktop/UNIX/FilterCommands$ sort -k 1n Worker.txt

1122 23.56 28

1420 12.56 45

1443 23.23 19

2341 45.12 34

2351 67.90 56

3456 14.56 22

8001 7.00 14

shivanirudh@shiva-ideapad:~/Desktop/UNIX/FilterCommands$ tr '[:lower]' '[:upper]' < Problem.txt

1234 JUAN 14.25

4321 GEORGE 21.11

6781 ANNA 16.77

1451 BEN 21.77

2277 TUAN 18.77