

OS Lab Assignment - 6

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Section -: C

Roll No. -: 11

Subject -: Operating System Lab (BCSC 0803)

Submitted To -: Ms. Nidhi

Write a shell script to create a tsv file containing name, roll no. and age of 10 students. Then use that tsv file to display only the names of the students in alphabetical order.

```
# !/usr/bin/bash
clear

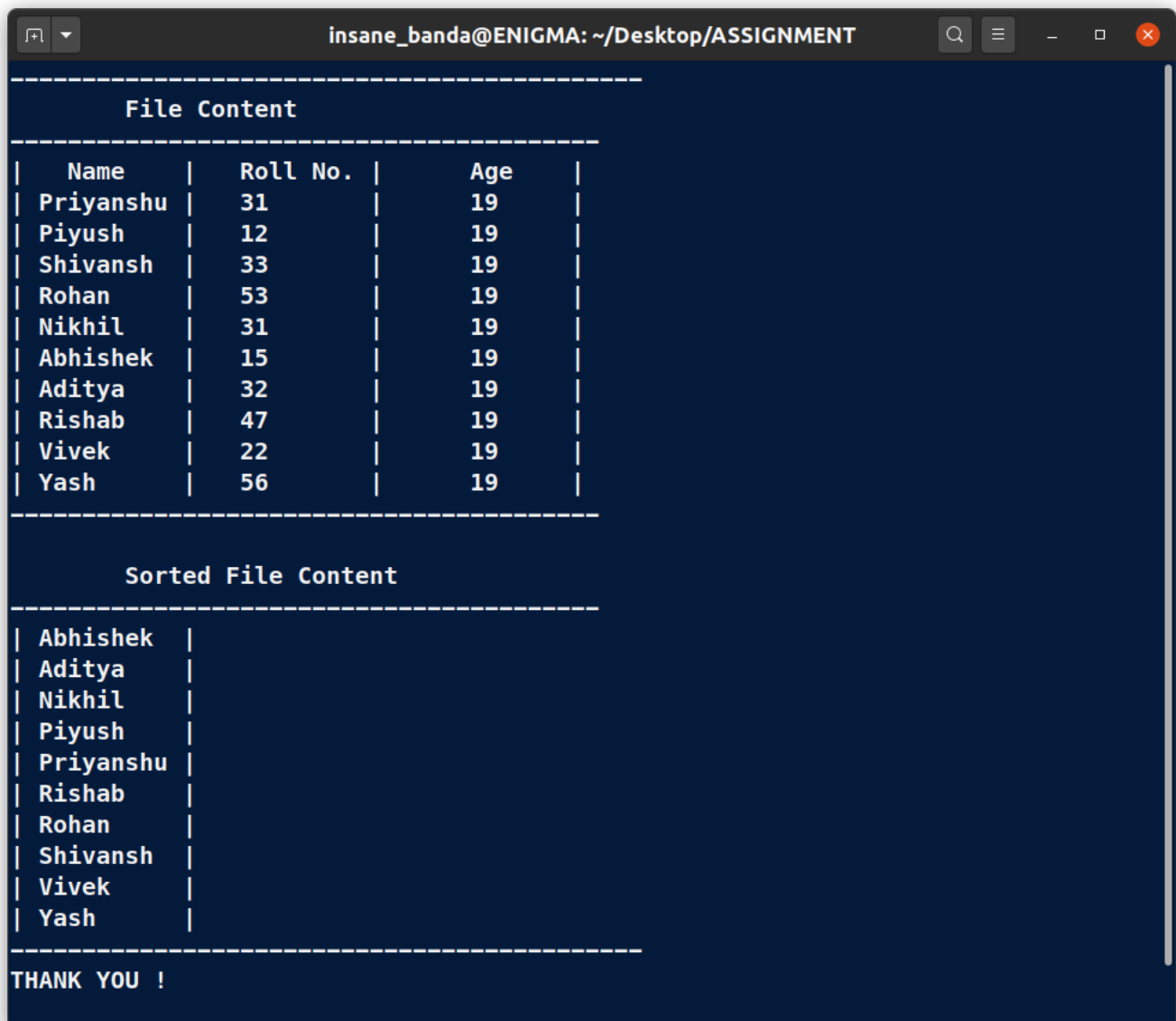
# Create a Info.tsv file
cat > Info.tsv << EOF
-----
|   Name   |   Roll No. |   Age   |
| Priyanshu |    31      |    19   |
| Piyush    |    12      |    19   |
| Shivansh  |    33      |    19   |
| Rohan     |    53      |    19   |
| Nikhil    |    31      |    19   |
| Abhishek  |    15      |    19   |
| Aditya    |    32      |    19   |
| Rishab    |    47      |    19   |
| Vivek     |    22      |    19   |
| Yash      |    56      |    19   |
-----
EOF
# Close Info.tsv file

echo "-----"
echo "\tFile Content "

# For see Current file content
expand Info.tsv
echo
echo "\tSorted File Content "
```

```
# To see file content sorted in alphabetical order
sed '1,2d' Info.tsv | cut -d " " -f 1 | sort
echo "-----"
echo "THANK YOU !"
```

OUTPUT:



The terminal window shows the output of the commands. It displays the original file content as a table, followed by the sorted file content as a list of names, and finally the 'THANK YOU !' message.

```
insane_banda@ENIGMA: ~/Desktop/ASSIGNMENT
```

File Content

Name	Roll No.	Age
Priyanshu	31	19
Piyush	12	19
Shivansh	33	19
Rohan	53	19
Nikhil	31	19
Abhishek	15	19
Aditya	32	19
Rishab	47	19
Vivek	22	19
Yash	56	19

Sorted File Content

Abhishek
Aditya
Nikhil
Piyush
Priyanshu
Rishab
Rohan
Shivansh
Vivek
Yash

THANK YOU !