OS Lab Assignment - 6

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Section -: C

Roll No. -: 31

Subject -: Operating System Lab (BCSC 0803)

Submitted To -: Ms. Nidhi

NOTE: *Github link for Script*

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.

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

# For run this shell script use syntax in terminal  "sh Students_Info.sh"

#---------------------------------------------------------------------------
---
# 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.
#---------------------------------------------------------------------------
---

# This is for clear all running Statement in terminal
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 "

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

OUTPUT:

```
------------------------------------------
        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 !
```