

OS Lab Assignment - 10

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Section -: C

Roll No. -: 31

Subject -: Operating System Lab (BCSC 0803)

Submitted To -: Ms. Nidhi

NOTE: [Github link for Script](#)

You are given a file of tab-delimited weather data (TSV). There is no header column in this data file. The first five columns of this data are: (a) the name of the city (b) the average monthly temperature in Jan (in Fahrenheit). (c) The average monthly temperature in April (in Fahrenheit). (d) The average monthly temperature in July (in Fahrenheit). (e) the average monthly temperature in October (in Fahrenheit). You need to sort this file on the basis of average monthly temperature in April.

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

```
# For run this shell script use this syntax "sh Months_Temp.sh"
```

```
#-----
```

```
# This command for clear all running statement in terminal
```

```
clear
```

```
# Create a Demo.tsv file
```

```
cat > Month_Temp.tsv << EOF
```

```
-----
```

Agra	65	80	88	75	
Aligarh	70	75	89	74	
Mathura	68	85	80	77	
Delhi	75	90	78	80	
Lucknow	80	70	83	85	

```
-----
```

```
EOF
```

```
# Close Info.tsv file
```

```
echo "-----"
```

```
echo "\t File Content "
```

```
echo "-----"
```

```
expand Month_Temp.tsv
```

```
echo "-----"
```

```
echo "\t Sorted File Content order by 3rd column"
echo "-----"
sort -k 6n Month_Temp.tsv
echo "-----"
echo
echo "Thank You !"
```

OUTPUT:

```
root@kali: /home/ldrago/Desktop/BASH/10
```

Agra	65	80	88	75
Aligarh	70	75	89	74
Mathura	68	85	80	77
Delhi	75	90	78	80
Lucknow	80	70	83	85

Lucknow	80	70	83	85
Aligarh	70	75	89	74
Agra	65	80	88	75
Mathura	68	85	80	77
Delhi	75	90	78	80

Thank You !

```
/home/ldrago/Desktop/BASH/10 master ?33 root@kali 04:42:07 AM
```