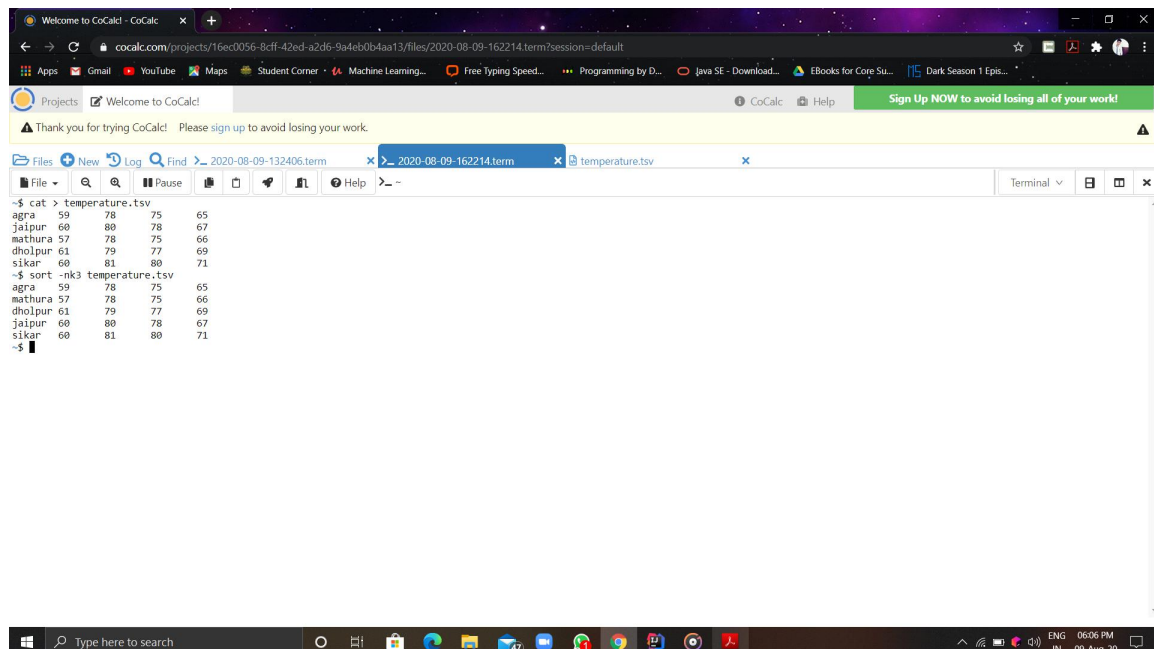


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Section : B

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3(f). 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.



The screenshot shows a web browser window with a terminal interface. The terminal displays the contents of a TSV file named 'temperature.tsv' and the result of sorting it by the second column (average monthly temperature in April).

```
~$ cat > temperature.tsv
agra 59 78 75 65
jaipur 60 80 78 67
mathura 57 78 75 66
dholpur 61 79 77 69
sikar 60 81 80 71
~$ sort -nk2 temperature.tsv
mathura 57 78 75 66
dholpur 61 79 77 69
jaipur 60 80 78 67
sikar 60 81 80 71
~$
```

| City | Jan (F) | April (F) | July (F) | October (F) |
|---------|---------|-----------|----------|-------------|
| agra | 59 | 78 | 75 | 65 |
| jaipur | 60 | 80 | 78 | 67 |
| mathura | 57 | 78 | 75 | 66 |
| dholpur | 61 | 79 | 77 | 69 |
| sikar | 60 | 81 | 80 | 71 |