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Module 4 Assessment

Task:

For the attached file, write a bash script which should take the file as input and has to go through it line by line and generate an output file (say output.txt) with listings of the following parameters fetched from the input file.

Parameters expected to be fetched from input.txt file:

"frame.time"

"wlan.fc.type"

"wlan.fc.subtype"

Sample output expected in output.txt:

"frame.time": "Nov 14, 2024 11:44:48.219200000 India Standard Time",

"wlan.fc.type": "1",

"wlan.fc.subtype": "9",

"frame.time": "Nov 14, 2024 11:44:48.219208000 India Standard Time",

"wlan.fc.type": "0",

"wlan.fc.subtype": "1",

and so on.

```
boss@boss:~/Documents$ chmod +x text_extractor.sh
boss@boss:~/Documents$ ./text_extractor.sh input.txt
hello
^C
boss@boss:~/Documents$ ./text_extractor.sh input.txt
Output saved to output.txt
boss@boss:~/Documents$ head -n 10 output.txt
    "frame.time": "Dec 31, 2024 12:50:25.890970000 India Standard Time",
        "wlan.fc.type": "0",
        "wlan.fc.subtype": "8",

    "frame.time": "Dec 31, 2024 12:50:25.892357000 India Standard Time",
        "wlan.fc.type": "0",
        "wlan.fc.subtype": "8",

    "frame.time": "Dec 31, 2024 12:50:25.928606000 India Standard Time",
        "wlan.fc.type": "0",
```