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Exp.No: 6

Import A JSON File From The Command Line. Apply The Following Actions With The Data Present In The JSON File Where, Projection, Aggregation, Remove, Count, Limit, Skip And Sort

To import a JSON file from the command line and apply the following
actions with the data present in the JSON file where, projection, aggregation, remove, count, limit, skip and sort using jq tool.

Procedure:

- Create a json file 'emp.json' and provide data in it.

```
[
     {
     "name" : "Anu",
     "age":12,
     "dept": "Computer",
     "salary":10000
     },
     {
     "name" : "Bob",
     "age" :14,
     "dept" : "HR",
     "salary":15000
     },
     {
     "name": "Jane Smith",
     "age": 25,
     "department": "IT",
     "salary": 60000
     },
     {
     "name": "Alice Johnson",
     "age": 35,
     "department": "Finance",
     "salary": 70000
     },
     {
     "name": "Bob Brown",
     "age": 28,
     "department": "Marketing",
     "salary": 55000
     }
]
```

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Output:

Projecting the JSON data using jq :

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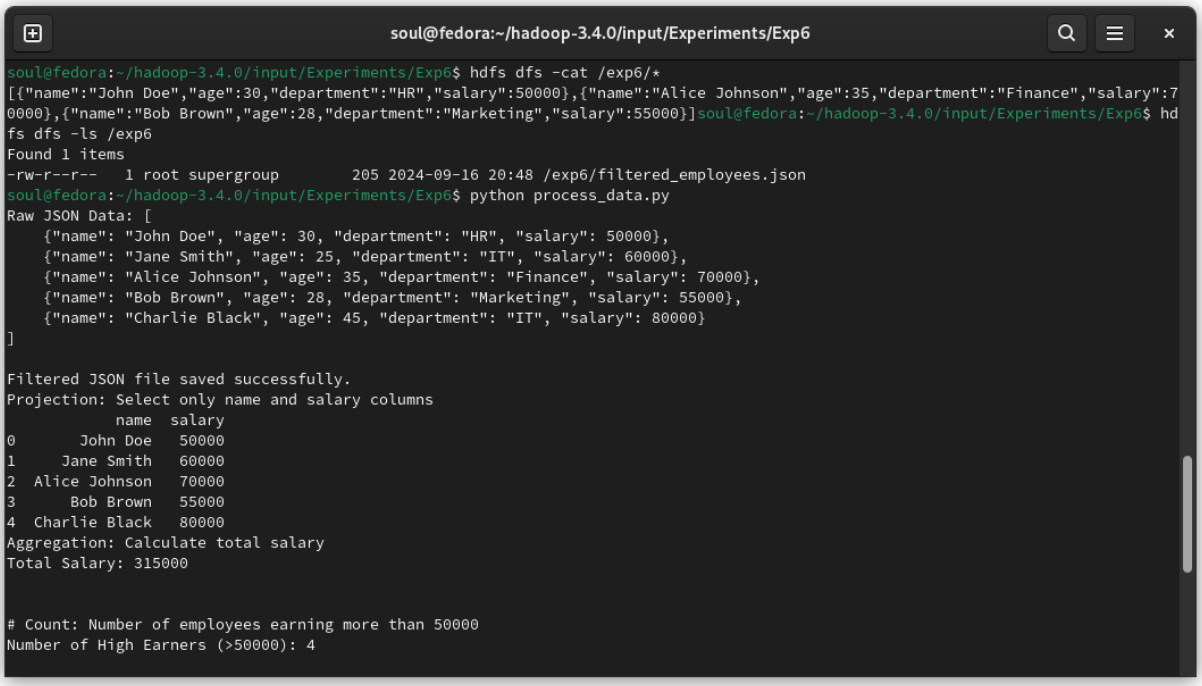
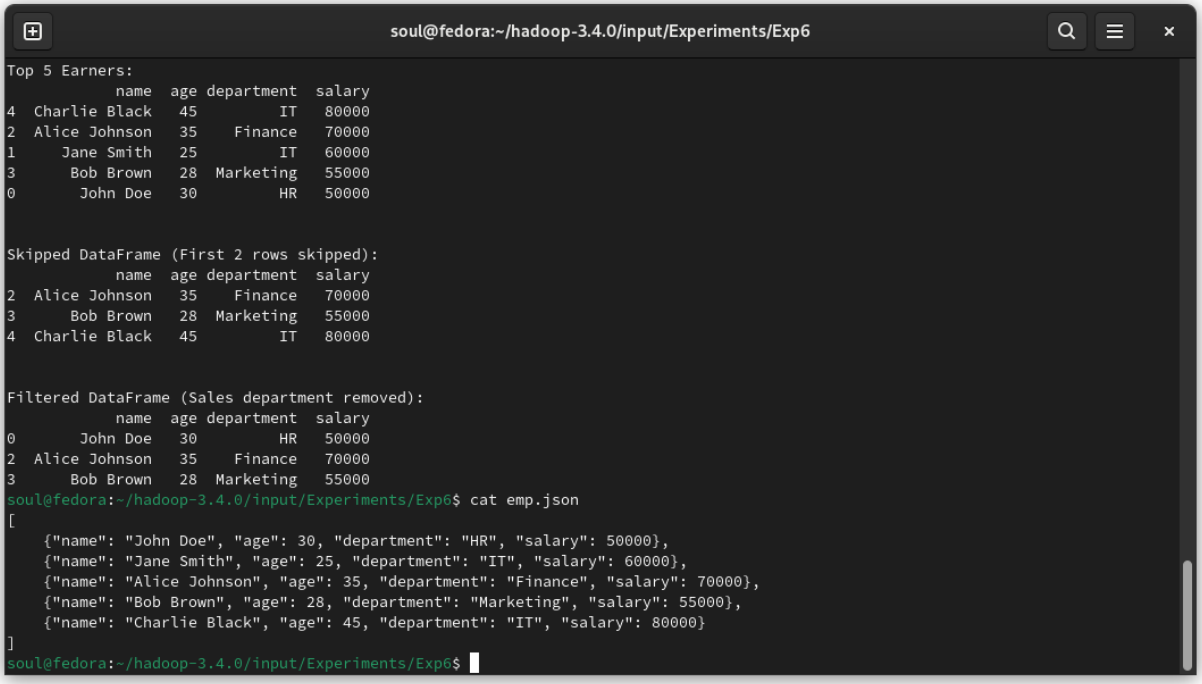
Python Script to process data :

Script Execution :





RESULT:

Thus to import a JSON file from the command line and apply the following actions with the data present in the JSON file where, projection, aggregation, remove, count, limit, skip and sort using jq tool is completed successfully