Ex 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

AIM:

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:

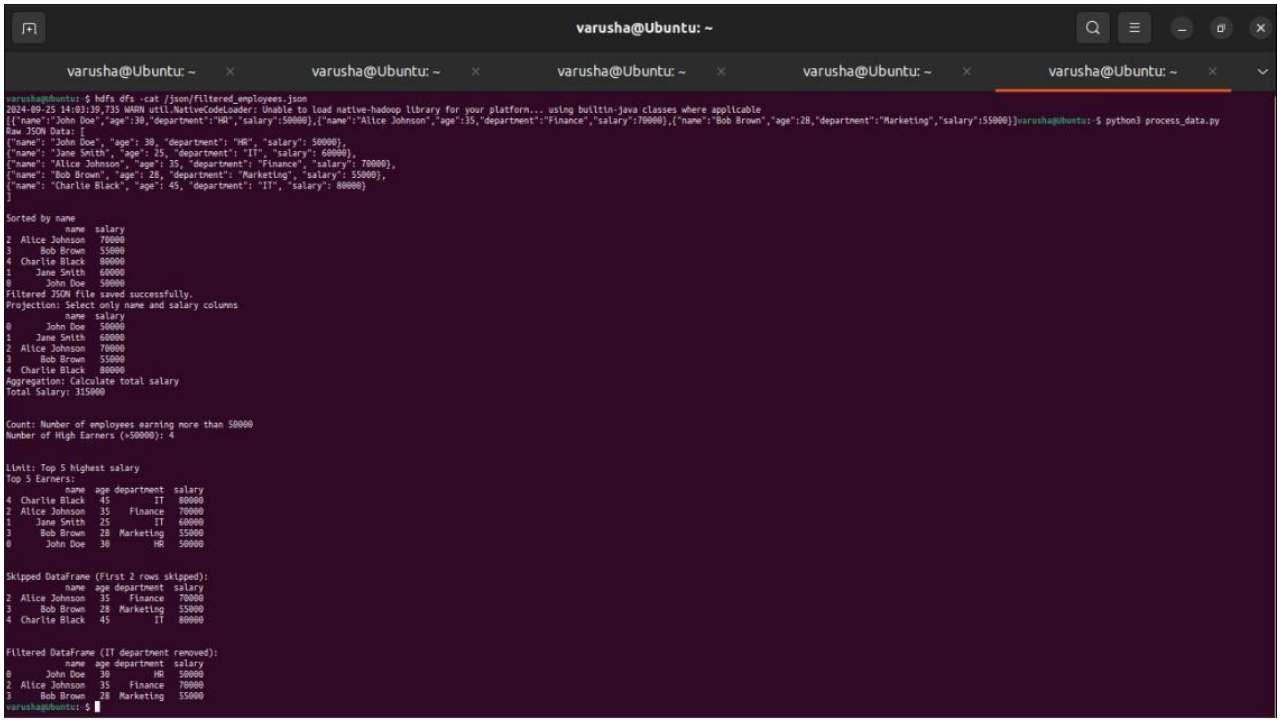
- Create a json file ‘employees.json’ and provide data in it.
- Open the command prompt.
- Navigate to the folder where employees.json is stored.
- Load and view the JSON data with jq.
- Use the jq commands for projection, aggregation, removal, counting, limiting, and sorting operations.

employees.json:

```
[
  {
    "id": 1,
    "name": "Alice Johnson",
    "department": "Engineering",
    "age": 29,
    "salary": 70000
  },
  {
    "id": 2,
    "name": "Bob Smith",
    "department": "Marketing",
    "age": 35,
```

```
        "salary": 55000
    },
    {
        "id": 3,
        "name": "Charlie Davis",
        "department": "Engineering",
        "age": 25,
        "salary": 60000
    },
    {
        "id": 4,
        "name": "Dana  Lee",
        "department": "Human Resources",
        "age": 40,
        "salary": 65000
    },
    {
        "id": 5,
        "name": "Eve Martinez",
        "department": "Finance",
        "age": 45,
        "salary": 75000
    }
]
```

OUTPUT:



RESULT:

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