I make this assignment using java programming language. Java files can be found in src/folder.

Here is my complete workflow:

1. Create Operation

Runner (1) [Java Application] C:\Program Files\Java\jre1.8.0_162\bin\javaw.exe (Jan 1, 2021, 7:44:49 PM) Do you want to give path or name to your database, if not we will create a file with default name as database.properties Enter 1 for yes 2 for no and any key for exit Either Choose dafault database or give absolute path of Choose your operation 1.create 2.update 3.read 4.delete or enter any other key to exit database with file name as Enter Key properties extension Person1 As per requirement JSON object which contain name, age, city of a person is required to store as value Enter Name Jones Enter Age as int value Enter city Tornato Choose your operation 1.create 2.update 3.read 4.delete or enter any other key to exit Enter Key Person2 As per requirement JSON object which contain name, age, city of a person is required to store as value Create Operation Enter Name Clark Enter Age as int value Enter city Choose your operation 1.create 2.update 3.read 4.delete or enter any other key to exit Enter Key As per requirement JSON object which contain name, age, city of a person is required to store as value Enter Name Michal Enter Age as int value Enter city Bengluru

File After Create Operation

```
#Fri Jan 01 20:07:05 IST 2021
Person3={"city"\:"Bengluru", "name"\:"Michal", "age"\:34}
Person2={"city"\:"Pune", "name"\:"Clark", "age"\:23}
Person1={"city"\:"Tornato", "name"\:"Jones", "age"\:22}
```

2. Update Operation

```
Choose your operation 1.create 2.update 3.read 4.delete or enter any other key to exit

2
Enter Key
Person1
As per requirement JSON object which contain name, age, city of a person is required to store as value
Enter Name
Virat
Enter Age as int value

33
Enter city
Mumbai
Choose your operation 1.create 2.update 3.read 4.delete or enter any other key to exit
```

File After Update Operation

```
#Fri Jan 01 20:10:09 IST 2021

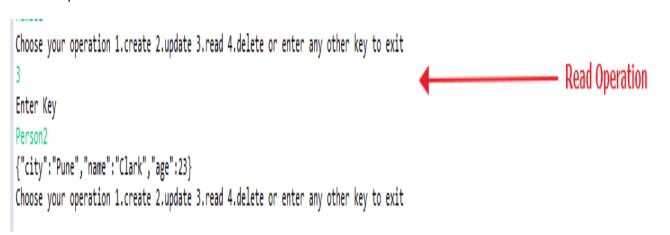
Person3={"city"\:"Bengluru", "name"\:"Michal", "age"\:34}

Person2={"city"\:"Pune", "name"\:"Clark", "age"\:23}

Person1={"city"\:"Mumbai", "name"\:"Virat", "age"\:33}

Person1={"city"\:"Mumbai", "name"\:"Virat", "age"\:33}
```

3. Read Operation



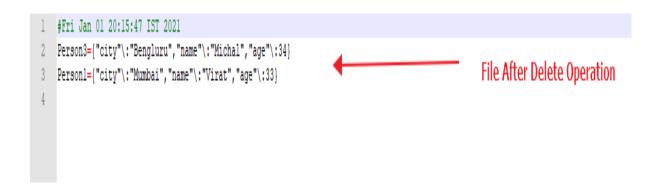
4. Delete Operation

```
Choose your operation 1.create 2.update 3.read 4.delete or enter any other key to exit

4
Enter Key

Person2

key deleted successfully
```



5. Application Termination

Choose your operation 1.create 2.update 3.read 4.delete or enter any other key to exit

Application Terminated

Application Terminated