

Create, Read and Delete Output:

1) Create:

i)

```
Command Prompt - python main.py
Microsoft Windows [Version 10.0.19041.630]
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C:\Users\user>cd desktop
C:\Users\user\Desktop>cd assignment
C:\Users\user\Desktop\assignment>cd fvdvks
C:\Users\user\Desktop\assignment\FVDVKS>python main.py
File based key-value data store

Select the operation you want to do:

1. Create
2. Read
3. Delete
4. Exit

1
Enter the key value pair
1 fayuu
Enter timeout
25
{1: ['fayuu', 1609338295.0826573]}
key value pair and timeout is created
Select the operation you want to do:

1. Create
2. Read
3. Delete
4. Exit
```

ii)

```
Command Prompt - python main.py
1
Enter the key value pair
2 zayaf
Enter timeout
90
{1: ['fayuu', 1609338717.1847012], 2: ['zayaf', 1609339029.1665654]}
key value pair and timeout is created
Select the operation you want to do:

1. Create
2. Read
3. Delete
4. Exit

1
Enter the key value pair
3 mirza
Enter timeout
45
{1: ['fayuu', 1609338717.1847012], 2: ['zayaf', 1609339029.1665654], 3: ['mirza', 1609339956.361877]}
key value pair and timeout is created
Select the operation you want to do:

1. Create
2. Read
3. Delete
4. Exit
```

iii)Error: key is already created.

```
Command Prompt - python main.py
45
[1: ['fayuu', 1609338717.1847012], 2: ['zayaf', 1609339029.1665654], 3: ['mirza', 1609339956.361877]]
key value pair and timeout is created
Select the operation you want to do:

1. Create
2. Read
3. Delete
4. Exit

1
Enter the key value pair

2 ahmed
Enter timeout
35
error: this key already exists
Select the operation you want to do:

1. Create
2. Read
3. Delete
4. Exit
```

2)Read:

i)

```
Command Prompt - python main.py
Select the operation you want to do:

1. Create
2. Read
3. Delete
4. Exit

2
Enter key to read the pair

1
1:fayuu
Select the operation you want to do:

1. Create
2. Read
3. Delete
4. Exit

2
Enter key to read the pair

2
2:zayaf
Select the operation you want to do:

1. Create
2. Read
3. Delete
4. Exit
```

ii) Error: Key pair values are added only till only 3.

```
Command Prompt - python main.py
Enter key to read the pair
3
3:mirza
Select the operation you want to do:

1. Create
2. Read
3. Delete
4. Exit

2
Enter key to read the pair
10
error: given key does not exist in database. Please enter a valid key
Select the operation you want to do:

1. Create
2. Read
3. Delete
4. Exit
```

3)Delete:

i)

```
Command Prompt - python main.py

1. Create
2. Read
3. Delete
4. Exit

3
Enter the key to delete
1
{2: ['zayaf', 1609339029.1665654], 3: ['mirza', 1609339956.361877]}
Key Successfully deleted

Select the operation you want to do:

1. Create
2. Read
3. Delete
4. Exit
```

ii)Error: First key is already removed by i)

```
Command Prompt - python main.py

1. Create
2. Read
3. Delete
4. Exit

3
Enter the key to delete
1
Error: Key does not Exist

Select the operation you want to do:

1. Create
2. Read
3. Delete
4. Exit
```

4)Exit:

```
Command Prompt

Select the operation you want to do:

1. Create
2. Read
3. Delete
4. Exit

4
{3: ['mirza', 1609339956.361877]}

C:\Users\user\Desktop\assignment\FDVVKS>
```