

## ***REDIS Configurations***

**Step 1:** Download the Redis Software by the link:

<https://github.com/microsoftarchive/redis/releases>

**Step 2:** Click on the “Redis-x64-3.0.504.msi” file and download it.

**Step 3:** After downloading.

**Follow this step to Install Redis**

1) Now click on that file and install Redis.

1) First, you need to run this file. Click the Run button

2) Then Click Next,

3) Accept the terms in the License Agreement and Click Next,

4) Now Make sure to tick the “Add the Redis installation folder to the PATH environment variable”. And click Next,

5) Now it will give you a default port to the server, Just Click Next

6) Now the system will ask to set the memory limit for the Redis server (default 100MB given)

7) Now continue the installation process. Click the "Install" button to begin the installation process.

8) Once the installation is complete, click the "Finish" button to close the installer.

**Step 4:** Go to **C drive → Program Files → Redis → redis-cli.exe** (right-click on it and select run as administrator)

**Step 5:** Now perform the CRUD operations.

## Redis Command/CRUD Operations

### *Keys \**

```
127.0.0.1:6379> keys *  
(empty list or set)
```

### *get name*

```
127.0.0.1:6379> get name  
(nil)
```

### *Set Command*

```
127.0.0.1:6379> set name Aryan  
OK  
127.0.0.1:6379> get name  
"Aryan"
```

```
127.0.0.1:6379> set CollageName NiitUniversity  
OK  
127.0.0.1:6379> set FistName Aryan  
OK  
127.0.0.1:6379> set LastName Sharma  
OK  
127.0.0.1:6379> set phoneNo 9960765259  
OK  
127.0.0.1:6379> set EmailID aryansharma21@st.niituniversity.in  
OK  
127.0.0.1:6379> set FatherName Akhilesh  
OK  
127.0.0.1:6379> set MotherName Rekha  
OK  
127.0.0.1:6379> set FatherPhoneno 9321489395  
OK  
127.0.0.1:6379> set studentID BT21GCS161  
OK  
127.0.0.1:6379> set Address Mumbai  
OK
```

### *Checking the keys now once we set the set*

```
127.0.0.1:6379> keys *  
1) "LastName"  
2) "name"  
3) "MotherName"  
4) "phoneNo"  
5) "Address"  
6) "FatherPhoneno"  
7) "FatherName"  
8) "CollageName"  
9) "EmailID"  
10) "studentID"  
11) "FistName"
```

### *exists rollno*

```
127.0.0.1:6379> exists rollno  
(integer) 0
```

```
127.0.0.1:6379> set rollno 161  
OK  
127.0.0.1:6379> exists rollno  
(integer) 1
```

### *del rollno*

```
(integer) 1  
127.0.0.1:6379> del rollno  
(integer) 1
```

### *Ttl (time to leave) or we can say (expire)*

```
127.0.0.1:6379> expire name 30  
(integer) 1  
127.0.0.1:6379> ttl name  
(integer) 19  
127.0.0.1:6379> ttl name  
(integer) 16  
127.0.0.1:6379> ttl name  
(integer) 11  
127.0.0.1:6379> ttl name  
(integer) 6  
127.0.0.1:6379> ttl name  
(integer) 3  
127.0.0.1:6379> ttl name  
(integer) 0  
127.0.0.1:6379> ttl name  
(integer) -2
```

### *Flushall*

```
127.0.0.1:6379> flushall  
OK  
127.0.0.1:6379> get name  
(nil)  
127.0.0.1:6379> get CollageName  
(nil)
```

### *Update command*

```
127.0.0.1:6379> set name zilean  
OK  
127.0.0.1:6379> get name  
"zilean"  
127.0.0.1:6379> set name Aryan  
OK  
127.0.0.1:6379> get name  
"Aryan"  
127.0.0.1:6379>
```