

Redis - Strings

Redis strings commands are used for managing string values in Redis. Following is the syntax for using Redis string commands.

Syntax

```
redis 127.0.0.1:6379> COMMAND KEY_NAME
```

Example

```
redis 127.0.0.1:6379> SET tutorialspoint redis
OK
redis 127.0.0.1:6379> GET tutorialspoint
"redis"
```

In the above example, **SET** and **GET** are the commands, while **tutorialspoint** is the key.

Redis Strings Commands

Following table lists some basic commands to manage strings in Redis.

Sr.No	Command & Description
1	SET key value This command sets the value at the specified key.
2	GET key Gets the value of a key.
3	GETRANGE key start end Gets a substring of the string stored at a key.
4	GETSET key value Sets the string value of a key and return its old value.
5	GETBIT key offset



	Returns the bit value at the offset in the string value stored at the key.
6	MGET key1 [key2..] Gets the values of all the given keys
7	SETBIT key offset value Sets or clears the bit at the offset in the string value stored at the key
8	SETEX key seconds value Sets the value with the expiry of a key
9	SETNX key value Sets the value of a key, only if the key does not exist
10	SETRANGE key offset value Overwrites the part of a string at the key starting at the specified offset
11	STRLEN key Gets the length of the value stored in a key
12	MSET key value [key value ...] Sets multiple keys to multiple values
13	MSETNX key value [key value ...] Sets multiple keys to multiple values, only if none of the keys exist
14	PSETEX key milliseconds value Sets the value and expiration in milliseconds of a key
15	INCR key Increments the integer value of a key by one
16	INCRBY key increment Increments the integer value of a key by the given amount
17	INCRBYFLOAT key increment Increments the float value of a key by the given amount
18	DECR key Decrements the integer value of a key by one
19	DECRBY key decrement Decrements the integer value of a key by the given number
20	APPEND key value Appends a value to a key

