**Basic Commands**

* SET key value -> sets a key value pair
* GET key -> returns the value for a key
* INCR key -> increments by 1, adds a key if it does not exist
* DEL key -> deletes a key value pair
* EXPIRE key seconds -> key expires after specified seconds
* TTL key -> returns seconds until expiration (-1 if never expire, -2 is expired)

**List – ordered list of values**

* RPUSH key value -> puts a new value at the end of the list
* LPUSH key value -> puts a new value at the beginning of a list
* LLEN key -> returns the length of a list
* LRANGE key start end -> returns a subset of a list (0 is the start of a list, -1 means until the end, -2 returns until second position from the end and so on)
* LPOP -> removes the first element of a list and returns it
* RPOP -> removes the last element of a list and returns it

**Sets – unordered list of values, each element may only appear once**

* SADD key value -> adds a value to the set
* SREM key value -> removes the value from a set
* SISMEMBER key value -> returns 1 if value is in the set, 0 if not
* SMEMBERS key -> returns a list of the values
* SUNION key key -> merges both lists, removes duplicates, and returns the list

**Sorted Sets – each value has an associated score which is used for sorting**

* ZADD key score value -> adds a value with an associated score
* ZRANGE keys start end -> returns a subset of a sorted set (0 is the start of the list, -1 end of the list)

**Hashes – hashes are maps between string fields and string values and are well suitable to represent objects**

* HSET key fieldName value -> adds a value with a field name
* HGETALL key -> returns all field values for the key
* HGET key fieldName -> returns one field for the key
* HINCRBY key fieldName increment -> increments a number in the hash by the specified increment, adds a field if it does not exist
* HDEL key fieldName -> deletes a field-value pair

Additional information to the commands and more commands can be found under: <http://redis.io/commands>