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Q.1 Create a redis list with value [10, 20, 30]

Ans.1

redis 127.0.0.1:6379> LPUSH list1 10

# Create a list with first value 10

(integer) 1

redis 127.0.0.1:6379> RPUSH list1 20

# Create a list with second value 20

(integer) 2

redis 127.0.0.1:6379> RPUSH list1 30

# Create a list with third value 30

(integer) 3

redis 127.0.0.1:6379> LRANGE list1 0 10

# Display all values of the list

1) "10"

2) "20"

3) "30"

Q.2 Change the list to [20, 20, 20]

Ans.2

redis 127.0.0.1:6379> LSET list1 0 20

# Will set the first value as 20

OK

redis 127.0.0.1:6379> LSET list1 1 20

# Will set the second value as 20

OK

redis 127.0.0.1:6379> LSET list1 2 20

# Will set the third value as 20

OK

redis 127.0.0.1:6379> LRANGE list1 0 20

# Display all values of the list

1) "20"

2) "20"

3) "20"

Q.3 Create a sorted set with the value {1, 2, 3 }

Ans.3

redis 127.0.0.1:6379> ZADD myset1 1 "one" 2 "two" 3 "three"

#Create a sorted set with values {1,2,3}

(integer) 3

redis 127.0.0.1:6379> ZRANGE myset1 0 -1 withscores

# Display all values of the sorted set

1) "one"

2) "1"

3) "two"

4) "2"

5) "three"

6) "3"

Q.4 Add {3, 4, -5} to this set

redis 127.0.0.1:6379> ZADD myset1 3 "tri" 4 "four" -5 "mfive"

(integer) 2

redis 127.0.0.1:6379> zrange myset1 0 -1 withscores

1) "mfive"

2) "-5"

3) "one"

4) "1"

5) "two"

6) "2"

7) "three"

8) "3"

9) "tri"

10) "3"

11) "four"

12) "4"

Q.5 Display the list contents and the ordered set contents

Ans.5

redis 127.0.0.1:6379> LRANGE list1 0 20 # Display all values of the list

1) "20"

2) "20"

3) "20"

redis 127.0.0.1:6379> zrange myset1 0 -1 withscores

1) "mfive"

2) "-5"

3) "one"

4) "1"

5) "two"

6) "2"

7) "three"

8) "3"

9) "tri"

10) "3"

11) "four"

12) "4"