

Test1:

```
*****test1*****
The value is: {'playerID': 'willite01', 'nameLast': 'Williams', 'bats': 'R'}
The key computed is: people:playerID=willite01,nameLast=Williams,bats=R,f=birthCity,nameLast
```

Test2:

```
*****test2*****
Result = {'playerID': 'willite01', 'nameLast': 'Williams', 'bats': 'R'}
```

Test3:

```
*****test3*****
We try to find the value in redis with wrong-key
Result = {}
```

Test4:

```
*****test4*****
Test about check_query_cache
Try to find the value that doesn't exist in redis
Result = None
```

Test5:

```
first call add to query_cache to add the query result into redis
Query result: [{'nameLast': 'Williams', 'birthCity': 'San Diego'}]
Then call check_query_cache to see the result returned
Result = [{'nameLast': 'Williams', 'birthCity': 'San Diego'}]
The key is: people:playerID=willite02,nameLast=Williams,bats=R,f=birthCity,nameLast
```

Test6:

```
*****test6*****
same as test5, but now query result has two items
Query result: [{'nameLast': 'Williams', 'birthCity': 'San Diego'}, {'nameLast': 'Williams', 'birthCity': 'Chicago'}]
Result = [{'nameLast': 'Williams', 'birthCity': 'San Diego'}, {'nameLast': 'Williams', 'birthCity': 'Chicago'}]
The key is: people:playerID=willite01,nameLast=Williams,bats=R,f=birthCity,nameLast
```