

Explanation:

t = 100

calls = [
 {"key": "a", "time": 10},
 {"key": "b", "time": 20},
 {"key": "c", "time": 30}

output: [{"resolved": "a!", "time": 10}, {"resolved": "b!", "time": 110}, {"resolved": "c!", "time": 110}

```
Input:
queryMultiple = async function(keys) {
  await new Promise(res => setTimeout(res, 100));
  return keys.map(key => key + '!');
 t = 100
Output: [
    rtput: [
{"resolved": "a!", "time": 110},
{"resolved": "b!", "time": 210},
{"resolved": "c!", "time": 210}
Explanation:
This example is the same as example 1 except there is a 100ms delay in queryMultiple. The results are the same except the promises resolve 100ms later.
```

Example 3:

```
Input:
queryMultiple = async function(keys) {
  await new Promise(res => setTimeout(res, keys.length * 100));
  return keys.map(key => key + '!');
 t = 100
utput: {
    "resolved":"a!","time":110},
    {"resolved":"e!","time":350},
    {"resolved":"b!","time":410},
    {"resolved":"c!","time":410},
    {"resolved":"d!", "time":410},
    {"resolved":"f!","time":450}
Explanation: queryMultiple(['a']) is called at t=10ms, it is resolved at t=110ms queryMultiple(['b', 'c', 'd']) is called at t=110ms, it is resolved at 410ms queryMultiple(['e']) is called at t=250ms, it is resolved at 350ms queryMultiple(['f']) is called at t=350ms, it is resolved at 450ms
```

