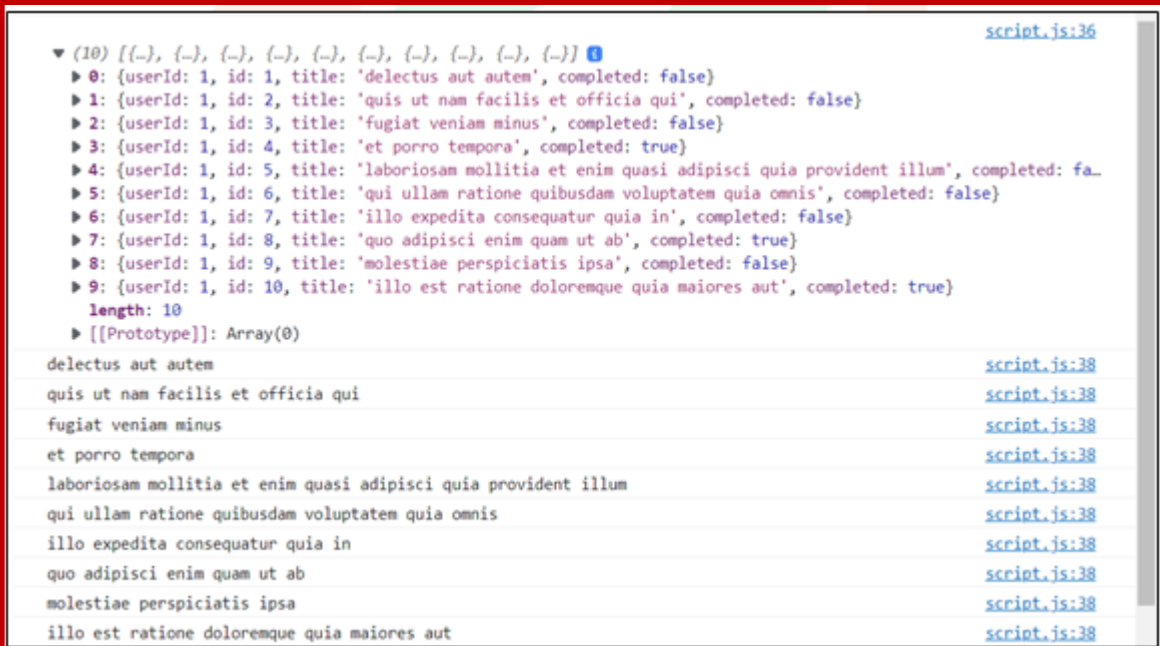


## Day 24 Task

### Async Await, Spread and Rest Operators

1. Create a function with async and await that calls another function which mimics the behavior of fetching data from server using setTimeout function and promises. Now loop through the data using the map method and print the title of each item.

The expected output is shown below.



```
▼ (10) [(-), (-), (-), (-), (-), (-), (-), (-), (-), (-)] 1
  ▶ 0: {userId: 1, id: 1, title: 'delectus aut autem', completed: false}
  ▶ 1: {userId: 1, id: 2, title: 'quis ut nam facilis et officia qui', completed: false}
  ▶ 2: {userId: 1, id: 3, title: 'fugiat veniam minus', completed: false}
  ▶ 3: {userId: 1, id: 4, title: 'et porro tempora', completed: true}
  ▶ 4: {userId: 1, id: 5, title: 'laboriosam mollitia et enim quasi adipisci quia provident illum', completed: fa...
  ▶ 5: {userId: 1, id: 6, title: 'qui ullam ratione quibusdam voluptatem quia omnis', completed: false}
  ▶ 6: {userId: 1, id: 7, title: 'illo expedita consequatur quia in', completed: false}
  ▶ 7: {userId: 1, id: 8, title: 'quo adipisci enim quam ut ab', completed: true}
  ▶ 8: {userId: 1, id: 9, title: 'molestiae perspiciatis ipsa', completed: false}
  ▶ 9: {userId: 1, id: 10, title: 'illo est ratione doloremque quia maiores aut', completed: true}
  length: 10
  ▶ [[Prototype]]: Array(0)
delectus aut autem script.js:38
quis ut nam facilis et officia qui script.js:38
fugiat veniam minus script.js:38
et porro tempora script.js:38
laboriosam mollitia et enim quasi adipisci quia provident illum script.js:38
qui ullam ratione quibusdam voluptatem quia omnis script.js:38
illo expedita consequatur quia in script.js:38
quo adipisci enim quam ut ab script.js:38
molestiae perspiciatis ipsa script.js:38
illo est ratione doloremque quia maiores aut script.js:38
```

2. Create two functions spreadFunction and restFunction, apply the spread and rest operations.

The expected output is shown below.



```
(5) [(-), (-), (-), (-), Array(3)]
  0: {id: 1, restaurantName: 'KFC', address: 'Anand Vihar', city: 'Delhi'}
  1: {id: 2, restaurantName: 'Domino', address: 'Savita Vihar', city: 'Delhi'}
  2: {id: 3, restaurantName: 'Burger King', address: 'Civil Lines', city: 'Pune'}
  3: {id: 4, restaurantName: 'Subway', address: 'Cantonment', city: 'Mumbai'}
  4: (3) [1, 2, 3]
  length: 5
  [[Prototype]]: Array(0)
script.js:48
```