

Task 2

Attention to detail

Not all code that looks similar does the same thing

Here is the background information on your task

You have now finally received access to the client's code base! It's time to start writing some JavaScript code on your own. Due to a slight miscommunication, you and your colleague start working on the same task at the same time. You notice this quickly, and at first glance, it looks like both of you implemented the `getDataForEach` function in the same way. However, upon closer inspection you notice that there is a difference in your solutions. Your colleague does not see it – can you?

Here is your task

To complete this task, answer the multiple-choice quiz.

Resources to help you with the task

Pick the correct option – how does the console.log differ between these two functions?

```
1  const axios = require("axios");
2
3  async function getDataForEach(ids) {
4    listForData = [];
5    ids.forEach(async (id) => {
6      const result = await axios.get("https://reqbin.com/echo/get/json");
7      listForData.push(result.data);
8    });
9    listForData.forEach((item) => console.log(item));
10 }
11
12 async function getDataFor(ids) {
13   listForData = [];
14   for (i = 0; i < ids.length; i++) {
15     const result = await axios.get("https://reqbin.com/echo/get/json");
16     listForData.push(result.data);
17   }
18   listForData.forEach((item) => console.log(item));
19 }
20
21 getDataFor([1, 2, 3]).then(console.log("done"));
22 getDataForEach([1, 2, 3]).then(console.log("done"));
```

Start your task

You may only credit this task to your CV if you make a genuine attempt at the work.

Practice or learning attempt:

Q 1/2: How does the log from these functions differ?

```
1  const axios = require("axios");
2
3  async function getDataForEach(ids) {
4    listForData = [];
5    ids.forEach(async (id) => {
6      const result = await axios.get("https://reqbin.com/echo/get/json");
7      listForData.push(result.data);
8    });
9    listForData.forEach((item) => console.log(item));
10 }
11
12 async function getDataFor(ids) {
13   listForData = [];
14   for (i = 0; i < ids.length; i++) {
15     const result = await axios.get("https://reqbin.com/echo/get/json");
16     listForData.push(result.data);
17   }
18   listForData.forEach((item) => console.log(item));
19 }
20
21 getDataFor([1, 2, 3]).then(console.log("done"));
22 getDataForEach([1, 2, 3]).then(console.log("done"));
```

They both log the same information

They both log nothing

The getDataFor doesn't log anything

The forEach doesn't log anything

Q 2/2: Let's look at the `getDataFor` function again, but with a request that returns the same number back.

Pick the correct option – What is the correct order of the logging.

```
1  const axios = require("axios");
2
3  async function getDataForEach(ids) {
4    listForData = [];
5    ids.forEach(async (id) => {
6      const result = await axios.get("https://reqbin.com/echo/get/json");
7      listForData.push(result.data);
8    });
9    listForData.forEach(item => console.log(item));
10 }
11
12 async function getDataFor(ids) {
13   listForData = [];
14   for (i = 0; i < ids.length; i++) {
15     const result = await axios.get("https://reqbin.com/echo/get/json");
16     listForData.push(result.data);
17   }
18   listForData.forEach(item => console.log(item));
19 }
20
21 getDataFor([1, 2, 3]).then(console.log("done"));
22 getDataForEach([1, 2, 3]).then(console.log("done"));
```

Done, 1, 2, 3

Syntax error

1,2,3, Done