

**Started on** Monday, 26 May 2025, 11:17 AM**State** Finished**Completed on** Monday, 26 May 2025, 11:37 AM**Time taken** 20 mins**Marks** 3.00/4.00**Grade** 75.00 out of 100.00**Question 1**

Complete

Mark 1.00 out of 1.00

What will the following code output?

```
for (var i = 0; i < 3; i++) {  
  setTimeout(() => console.log(i), 100);  
}
```

- ☒ a. 3  
3  
3
- ☐ b. 0  
0  
0
- ☐ c. undefined  
undefined  
undefined
- ☐ d. 0  
1  
2

**Question 2**

Complete

Mark 1.00 out of 1.00

What does the following print?

```
const obj = {  
  count: 10,  
  inc: function () {  
    setTimeout(() => {  
      this.count++;  
      console.log(this.count);  
    }, 100);  
  }  
};  
obj.inc();
```

- ☐ a. 10
- ☐ b. NaN
- ☐ c. undefined
- ☒ d. 11

**Question 3**

Not answered

Marked out of 1.00

What is the output of this code?

```
console.log('start');

setTimeout(() => {
  console.log('timeout');
}, 0);

Promise.resolve().then(() => {
  console.log('promise');
});

console.log('end');
```

- ☐ a. start  
end  
timeout  
promise
- ☐ b. start  
promise  
end  
timeout
- ☐ c. start  
end  
promise  
timeout  
promise
- ☐ d. start  
end  
promise  
timeout

**Question 4**

Complete

Mark 1.00 out of 1.00

What is the final output?

```
async function f1() {  
  throw 'Error in f1';  
}  
  
async function f2() {  
  try {  
    await f1();  
  } catch (e) {  
    console.log('Caught: ', e);  
  } finally {  
    return 'Done';  
  }  
}  
  
f2().then(console.log);
```

- ☐ a. Done  
Caught: Error in f1
- ☐ b. Error in f1  
Done
- ☐ c. Unhandled Promise Rejection  
Done
- ☒ d. Caught: Error in f1  
Done