

Throwing and catching Errors

✓
- create "luigi.json" file and write below code

```
[
  { text: "plan", "author": "luigi" },
  { text: "hello", "author": "luigi" },
  { text: "song", "author": "luigi" }
]
```

← here we have not given quotes so we are getting error and our promise is rejected

Now write below code in main javascript file

```
const getTodos = async () => {
  const response = await fetch('luigi.json');
  const data = await response.json();
  return data;
};
```

};

getTodos()

```
• then(data => console.log('resolved:', data))
• catch(e => console.log('rejected:', e.message));
```



rejected: unexpected token t in JSON
at position 6

(Here the promise is rejected so we catch the error in .catch)

- create "luigi.json" file and write below code

```
[
  { "text": "hello", "author": "luigi" },
  { "text": "sonu", "author": "luigi" },
  { "text": "song", "author": "luigi" }
]
```

Now write below code in main javascript file

```
const getTodos = async () => {
```

```
  const response = await fetch('luigi.json');
```

```
  const data = await response.json();
```

```
  return data;
```

```
}
```

```
getTodos()
```

```
  .then(data => console.log('resolved:', data));
```

```
  .catch(eee => console.log('rejected:', eee.message));
```



▶ GET http:// — 404 (Not found)

rejected: unexpected token < in json at position 0

[even though we have given wrong resource still it is going to fetch and even though that result does not exist it doesn't actually reject promise]

[it gives result as there is eeeee in json which is not true, our json is all correct and there is no problem in json, it is because of fetch i.e. fetch is resolved so]

we have given wrong resource

this promise gets rejected

this promise will still be resolved

so to overcome such situation/condition consider below example :-

- create "luigi.json" and write below code in it

```
[
  { "text": "hello", "author": "luigi" },
  { "text": "hi", "author": "luigi" },
  { "text": "sonu", "author": "luigi" }
]
```

write below code in main javascript file

```
const getTodos = async () => {
  const response = await fetch('luigi.json');
  if (response.status !== 200) {
```

throw new Error('cannot fetch the data');

```
}
```

```
const data = await response.json();
return data;
```

```
};
```

```
getTodos()
```

```
• then(data => console.log('resolved:', data))
```

```
• catch(err => console.log('rejected:', err.message));
```



▶ GET http: —

404 (Not found)

rejected: cannot fetch the data

(here we get the error which we want to give instead of JSON error)