

Exercise: HTTP Status Codes

Start a new project for this exercise.

HTTP Response Status Codes are used by web developers and browsers to determine how a web request has been handled. Making decisions based on the status code is a common task for web developers.

In this exercise we want to prompt the user for an HTTP response status code and then print the type of code it refers to or an error message if no match is found. A list of HTTP Response Status Codes and their groupings can be found here:

[HTTP response status codes - HTTP | MDN \(mozilla.org\)](https://developer.mozilla.org/en-US/docs/Web/HTTP/Status)

We can see that the codes are grouped into 5 classes:

1. Informational
2. Successful
3. Redirection
4. Client Error
5. Server Error

Our application should prompt for a specific code, ex: 200, and then print the class, ex: Successful. The application should look like this:

```
Enter a Response Code: 404
404 is a Client Error Response.
```

```
Enter a Response Code: 000
000 is not a valid Response.
```

Use a Switch statement for this exercise.