Title: Internal server error on whole floating-point numbers

Steps to Reproduce :

1. Open [Factorial Calculator](#) in a browser
2. Enter a whole floating-point numbers (2.0) into the input field
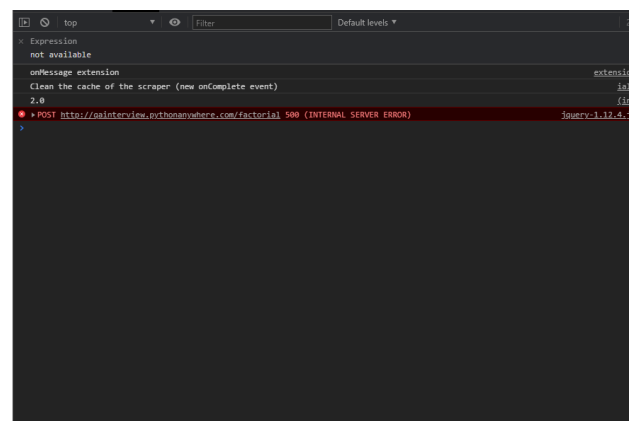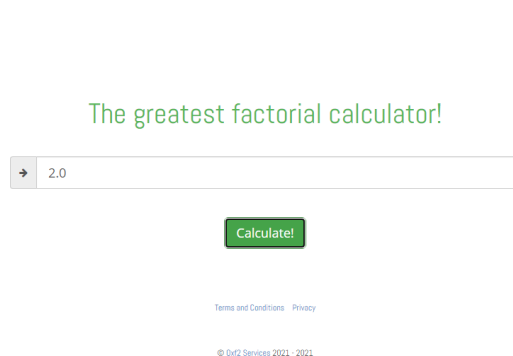3. Click on the "Calculate!" button

Expected Result:

An message stating "Please enter an integer".

Actual Result:

The UI remanins empty.

The console shows a "500 - Server Error" error.

Screenshot:

Notes:

The problem is with the Javascript "parseInt" function that's responsible for catching any non-integer values. The entered string parsed to an integer will always be equal to the original string value. The server then recieves a string value and attempts to run a python script on it. Python can't

handle auto-conversions like Javascript and runs into a TypeError.

```
▶ <div class="col-md-12">…</div>
▼ <script> == $0
            $("document").ready(function () {
                $("#getFactorial").click(function () {
                    var number = $('#number').val();
                    console.log(number);
                    if (number != parseInt(number, 10)) {
                        $("#number").css('border', 'solid 2px red');
                        $("#resultDiv").text('Please enter an integer')
                        $("#resultDiv").css('color', 'red');
                    } else {
                        $("#number").css('border', 'solid 1px #ccc');
                        var callDetails = {
                            type: 'POST',
                            url: '/factorial',
                            data: {
                                'number': number
                            }
                        };
                        $.ajax(callDetails).done(function (factorial) {
                            console.log('Hello! I am in the done part of the ajax call');
                            console.log(factorial);
                            $("#resultDiv").css('color', 'black');
                            $("#resultDiv").text('The factorial of ' + number + ' is: ' + factorial.answer);
                        });
                    }
                });
            });

    </script>
  </body>
</html>
```