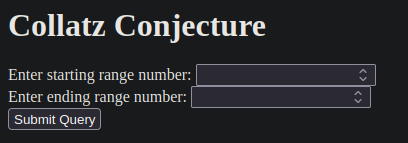
**Collatz Conjecture Report**

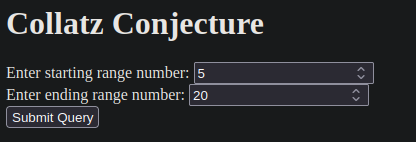
@Vladyslav Vorobiov

Task:

Create PHP a program to calculate the mathematical function 3x + 1

1. First test the program with a single number and print all the values, find max  value (Highest number)  and count of iterations (Total stopping time).
2. Create extra function for calculating functions values (max value and count of iterations) of numbers range (e.g., 10 to 10^6).
3. The HTML Forms must be created and prompted for range values (start and finish). As results store in array: numbers , maximum (highest) values and the number of iterations of them.
4. Find the numbers with have max and min iterations. Print both (2) number, count of iterration and highest values.

  
  
  
  
  
  
  
  
 Example: starting value 5, ending value 20

  
  
  
  
  
  
  
  
  
 Code execution (listing numbers with their respective max values at the end of algorithm and iterations needed):

