Coding Challenges

1. Write a JavaScript function to convert a number from one base to another.
2. Write a JavaScript function to generate a random integer
3. Write a JavaScript function to format a number up to specified decimal places
4. Write a JavaScript function to find the highest value in an array.
5. Write a JavaScript function to get the greatest common divisor (gcd) of two integers
6. Write a JavaScript function to check whether an `input` is a date object or not.
7. Write a JavaScript function to test whether a date is a weekend.
8. Write a JavaScript function to get the current date.
9. Write a JavaScript function to get the number of days in a month
10. Write a JavaScript function to get the last day of a month.
11. Write a code that returns value of x rounded up to its nearest integer
12. Write a code that returns value of x rounded down to its nearest integer
13. Write a code that returns the ratio of a circle's circumference to its diameter
14. Write a code that returns the value of x to the power of y
15. Write a code that returns the absolute value of x
16. Write a code to display a random number
17. Write a code to display the number with the highest value.
18. Write a code to round 4.8 to the nearest integer, and display it.
19. Write a code to display the square root of 144
20. Write a code to return the cosin of x