

1. Write a JavaScript function to convert a binary number to a decimal number.
2. Write a JavaScript function to convert a decimal number to binary, hexadecimal or octal number.
3. Write a JavaScript function to generate a random integer.
4. Write a JavaScript function to format a number up to specified decimal places.
5. Write a JavaScript function to find the highest value in an array. *
6. Write a JavaScript function to find the lowest value in an array. *
7. Write a JavaScript function to get the greatest common divisor (gcd) of two integers.
8. Write a JavaScript function to test if a number is a power of 2.
9. Write a JavaScript function to round a number to a given decimal places.
10. Write a JavaScript function to hide email addresses to protect from unauthorized user.
11. Write a JavaScript function to capitalize the first letter of a string.
12. Write a JavaScript program that accept two integers and display the larger.
13. Write a JavaScript program which compute, the average marks of the following students Then, this average is used to determine the corresponding grade.

Student Name	Marks	The grades are computed as follows :	Range	Grade
David	80		<60	F
Vinoth	77		<70	D
Divya	88		<80	C
Ishitha	95		<90	B
Thomas	68		<100	A

14. Write a JavaScript program to construct the following pattern, using a nested for loop.

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* * * *
* * * * *
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15. Write a JavaScript function that generates all combinations of a string.