

1. Write a javascript function named `is_integer` which checks if the passed argument is an integer. You can use any mathematical operator or functions defined in the `Math` object.
2. Using the `forEach` function defined for an array, find the sum of the array of numbers. `(function add_all(arr){...})`
3. Write a JavaScript program to convert temperatures to and from celsius, Fahrenheit. [ Use the formula :  $c/5 = (f-32)/9$ , where  $c$  = temperature in celsius and  $f$  = temperature in Fahrenheit]
4. Write a factorial function that returns the factorial of a given number,  $n$ . Make sure you return the calculated value and not just print it.
5. Write a javascript function that converts a given amount of money into coins of denominations (1, 2, 5, 10 and 25). You may choose to print the coin denominations used on the console. E.g.`convert_to_coins(87)` should print 25 25 25 10 2.