Assignement-1

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. [function factorial(n){...}]

5 Write a javascript function that converts a given amount of money into coins of denominations (1, 2, 5, 10 and 25). [function convert\_to\_coins(amount) {...}]. 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.