ECMA2015 Assignments

1. Declare variables which can be scoped in loops and conditional statements.
2. Declare an arrow function for SalesNetProfit which takes 3 parameters - [COGS, Expense, ActualSales] and test the same.
3. Declare SalesNetProfit function which takes 4 parameters [- [COGS, Expense, ActualSales and ServiceTaxPercentage - default]
4. Declare a dynamic function which will return a message for a given company name.
5. Declare variables which will hold the information about a customer. Declare a JavaScript object which will set the values of the object properties from the above declared variables. Print the object values using template literals.
6. Print any 4 octal and binary numbers.
7. De structure companyNames array. Use spread operator to print the last 3 values. Create a function using de structure syntax and print first two company names.
8. De structure customer object by aliasing the property names.
9. Declare a function which will take companyNames using rest parameters and print number of companies passed to the function.
10. Find the maximum and minimum values from an array using spread operator.
11. Print your company name using spread operator.
12. Create classes for Customer, Employee, Supplier, Category and Product. Declare properties using get and set construct for Product and Category classes. Print each object information on console.
13. Create a module which will export mathematical functions using object. Consume the module to perform the operations in a module called SalesModule.
14. Find ASP.NET keyword in a given string - "Microsoft offers number of web technologies line ASP.NET, MVC, etc.". Also implement a search for starting and ending of the characters.
15. Perform a test on number array and check if the number is integer or float. Use rest parameter.
16. Perform inheritance using object extension on Customer and GoldenCustomer class.
17. Perform an identical comparison using object extension.
18. Print class name and function name.
19. Implement a custom iterator which will auto generate employee numbers. Terminate the iterator once employee number reached to 345.
20. Manipulate a number array using array extensions.
21. Create custom generator for each class of PMP.
22. Check the number of employees for a given a project. If there are more than 5 employees working under a project, print their names. Else print a message not sufficient employees. Use Promise, setTimeout and 2 then functions.