**Assignment For Day 2smiling face with smiling eyes1st place medalherb**

1. What is lexical structure?

* The lexical structure is describing a set of rules how write program in that language also we can say elementary rule for language specification

1. What is Unicode?

* Unicode point a unique number for a character and symbol in computer programming world

1. Explain all the keywords present in the JavaScript with examples.

* I know few of them keywords like **let**, **var** which is never used
* **const** for store literals
* **For**, **while**, **do** **while** for loop
* **Break** for stopping loop
* **If** and **else** for conditions
* **Enum**, **implements**, **interface**, **package**, **private**, **protected**, **public**
* **Function** for writing block of code
* **Class** for create class in java script
* **Return** for returning value
* **Try** and **catch** for error handling
* **Throw** used in try block to explicitly throw an exception object
* **This** keyword refers to an object
* **Continue** for continue after certain conditions
* **Null** for store null value in variables
* **Async** and **Await** for handling promise
* **Switch** and case for evaluating an expression
* **True** and **false** is also keyword for Booleans
* **Export** used to export objects
* **Import** used to import module in JavaScript program
* **New** used to create and object
* **Super** used to call function or method of a parent class

1. What are shorthand operators, explain with a suitable example?

* A shorthand operator is a shorter way to express something that is already available in the programming language

1. What is “use Strict” in JavaScript?

* It’s a new feature of ECMAScript 5.
* The statement “use strict” instructs the browser to use the strict mode which is a reduced and safer feature set of JavaScript

Ex: if we define any function before write that is not safer

this is wrong way to write JavaScript syntax

sum (10,10)

function sum (a, b) {

add = a + b

console.log(add)

}

this is the right way to write JavaScript function

function sum (a, b) {

add = a + b

console.log(add)

}

sum (10,10)