

**CAVITE STATE UNIVERSITY**

**Imus Campus**

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**DEPARTMENT OF COMPUTER STUDIES**

**ITEC 106 – IT ELECTIVE 2 ( WEB SYSTEM AND TECHNOLOGIES 2)**

1. **Fill in the blank ( 1 point each )**
2. Create a variable called carName, assign the value Volvo to it.

let carName = “Volvo”;

1. Create a variable called x, assign the value 50 to it.

let x = 50;

1. Display the sum of 5 + 10, using two variables: x and y.

let x = 5;

let y = 10;

document.getElementById(“demo”).innerHTML = x + y;

1. Create a variable called z, assign x + y to it, and display the result in an alert box.

let x = 5;

let y = 40;

const z = x + y;

alert (z);

1. On one single line, declare three variables with the following names and values:

firstName = "John"

lastName = "Doe"

age = 35

let firstName = "John", lastName = “Doe” , age = 35 ;

1. Multiply 10 with 5, and alert the result: alert(5\*10);
2. Divide 10 by 2, and alert the result: alert(10/20);
3. Alert the remainder when 15 is divided by 9. Alert(15%9);
4. Use the correct assignment operator that will result in x being 15 (same as x = x let x = 10;

let y = 5;

x + y;

1. Use the correct assignment operator that will result in x being 50 (same as x = x \* y).

let x = 10;

let y = 5;

x \* y;

1. **Code ( 10 point each )**
2. **Get Average**

***Create a program that uses variables for 5 subject grades. Get the average of all the grades and display it.***

**OUTPUT :**

**List of Subject**

Math : 87

Computer : 89

Mapeh : 92

English : 85

Average : 88.8

PS :

* All values are static.
* All subjects represent a **variable**.

Display information in **Paragraph Tag (***following how to display***).**

**HTML Code:**

<!DOCTYPE html>

<html>

<head>

<meta>

charset="UTF-8">

<meta name="viewport" content="width=device-width, initial

-scale=1.0">

<title>Grades</title>

<script src="script.js" defer> </script>

</head>

<body>

<h1> List of Subjects</h1>

<p>Math: <span id="math">87</span></p>

<p>Science: <span id="science">91</span> </p>

<p>Computer: <span id="computer">89</span></p>

<p>Mapeh: <span id="mapeh">92</span></p>

<p>English: <span id="english">85</span> </p>

<p>Average: <span id="grade"> </span> </p>

</body>

</html>

**JS Code:**

var math = 87;

var science = 91;

var computer = .89;

var mapeh =-92;

var english = 85;

var average = (math + science + computer + mapeh + english) / 5;

var averageSpan = document.getElementById("grade");

averageSpan.textContent = average.toFixed(1);