**Data Types & Operators Tasks**

**Find the Datatypes of the following (write it in the note)**

1. let name=45; (number)
2. let num=”20”;(string)
3. var age=25;(number)
4. const id;(undefined)
5. let array= [1,2,3];(array)
6. let logic=`logic12`;(string)
7. let a=4555n;(big int)
8. var b=” “;(String)

**Workout the following operators: (write it in the note)**

1.Multiply 5 with 7, alerting the result.

let result = 5 \* 7;

alert("The result is: " + result);

2. Alert the reminder, once 13 is divided by 7.

let dividend = 13;

let divisor = 7;

let remainder = dividend % divisor;

alert("The remainder when " + dividend + " is divided by " + divisor + " is: " + remainder);

3. let a=12+”name”;

12name

4. Get two values from the user, add the values & store it into the variable named “sum”:

let value1 = prompt("Enter the first value:");

value1 = parseFloat(value1);

let value2 = prompt("Enter the second value:");

value2 = parseFloat(value2);

let sum = value1 + value2;

console.log("The sum is: " + sum);

5.Alert(`1`+23), Alert(‘1’-23):

123

-22

6. Program to calculate Area of Circle .

let radius = parseFloat(prompt("Enter the radius of the circle:"));

if (isNaN(radius)) {

  alert("Please enter a valid number for the radius.");

  return;

}

let area = Math.PI \* Math.pow(radius, 2);

alert(

  "The area of the circle with radius " + radius + " is: " + area.toFixed(2)

);