**TASK DAY – 4**

// Task 1: Simple Programs todo for variables

// 1. Declare four variables without assigning values and print them in console

var a;

var b;

var c;

var d;

console.log(a);console.log(b);console.log(c);console.log(d);

/\* Output:

undefined

undefined

undefined

undefined \*/

// 2. Declare variables to store your first name, last name, marital status, country and age in multiple lines

var first\_name = "sam";

var last\_name = "joseph";

var marital\_status = "Unmarried";

var country = "Indian"

var age = 25;

console.log(first\_name);

console.log(last\_name);

console.log(marital\_status);

console.log(country);

console.log(age);

/\* Output

sam

joseph

Unmarried

Indian

25 \*/

// 3. Declare variables to store your first name, last name, marital status, country and age in a single line

var first\_name = "sam";

var last\_name = "joseph";

var marital\_status = "Unmarried";

var country = "Indian"

var age = 25;

console.log(`${first\_name} ${last\_name} ${marital\_status} ${country} ${age}`);

/\* Output

sam joseph Unmarried Indian 25 \*/

// 4. Square of a number

var data = 6;

console.log("Square of a number  " +data \* data);

/\*Output

Square of a number  36   \*/

// 5. Swapping 2 numbers

var data\_1 = 100;

var data\_2 = 1000;

var temp;

temp = data\_1;

data\_1 = data\_2;

data\_2 = temp;

console.log(data\_1);console.log(data\_2);

/\*Output

1000

100 \*/

// 6. Addition of 3 numbers

var number\_1 = 10;

var number\_2 = 20;

var number\_3 = 30;

var sum = number\_1+number\_2+number\_3;

console.log("Sum of three numbers  "+sum);

/\*Output

Sum of three numbers  60 \*/

// 7.Celsius to Fahrenheit conversion

var celsius = 25;

var fahrenheit;

fahrenheit = (celsius \* 9/5) + 32 ;

console.log("Fahrenheit  " +fahrenheit);

/\*Output

Fahrenheit  77 \*/

// 8.Meter to miles

var meter = 1000;

var miles;

miles = meter / 1609;

console.log("Miles  "+miles.toFixed(2));

/\*Output

Miles  0.62 \*/

//9. Power of any number x ^ y.

var digit = 2;

var power =10;

console.log("2 power 10 =" +Math.pow(2, 10));

// 10 .Calculate Simple Interest

var principle =1000;

var interest = 5;

var number\_of\_years = 5;

var simple\_interest;

simple\_interest = (principle\*interest\*number\_of\_years) / 100;

console.log("simple interest = "+simple\_interest)