**TASK DAY-5**

// // 1.Write a function called “addFive”.

// Given a number, “addFive” returns 5 added to that number.

addFive = (a) => {

return a+5;

}

console.log(addFive(5));

console.log(addFive(0));

console.log(addFive(-5));

// 2. Fill in your code that takes an number minutes and converts it to seconds.

function getSeconds(a) {

return a\*60;

}

console.log(getSeconds(5));

console.log(getSeconds(10));

console.log(getSeconds(3));

//3. Create a function that takes a string and returns it as an integer.

function toString(a){

return parseInt(a);

}

console.log(toString("20"));

console.log(toString("100"));

console.log(toString("5"));

//4. Create a function that takes a number as an argument, increments the number by +1 and returns the result.

function nextNumber(a){

return a+1;

}

console.log(nextNumber(0));

console.log(nextNumber(9));

console.log(nextNumber(-3));

//5. Create a function that takes an array and returns the first element.

function getFirstElement(a){

return a[0];

}

console.log(getFirstElement([1,2,3]));

console.log(getFirstElement([80, 5, 100]));

console.log(getFirstElement([-500, 0, 50]));

// 6.Find the Perimeter of a Rectangle

// Create a function that takes height and width and finds the perimeter of a rectangle.

function getPerimeter(a,b){

return 2\*(a+b)

}

console.log(getPerimeter(6,7));

console.log(getPerimeter(20,10));

// 7. Less Than 100?

// Given two numbers, return true if the sum of both numbers is less than 100. Otherwise return false.

function getlessthan\_hundred(a,b){

sum = a+b;

if(sum < 100){

return true;

}else{

return false;

}

}

console.log(getlessthan\_hundred(22,15));

console.log(getlessthan\_hundred(83,25));

// 8.There is a single operator in JavaScript, capable of providing the remainder of a division operation.

// Two numbers are passed as parameters.

// The first parameter divided by the second parameter will have a remainder, possibly zero. Return that value.

function getRemainder(a,b){

return a%b;

}

console.log(getRemainder(1,3));

console.log(getRemainder(3,4));

/\* 9. Old macdonald had a farm:

MacDonald is asking you to tell him how many legs can be counted among all his animals.

The farmer breeds three species:

turkey = 2 legs

horse = 4 legs

pigs = 4 legs

The farmer has counted his animals and he gives you a subtotal for each species.

You have to implement a function that returns the total number of legs of all the animals. \*/

function CountAnimals(a,b,c){

return a\*2 + b\*4 + c\*4;

}

console.log(CountAnimals(2,3,5));

console.log(CountAnimals(1,2,3));

/\*10. Frames Per Second

Create a function that returns the number of frames shown in a given number of minutes for a certain FPS. \*/

function getFramesperSecond(a,b){

return 60\*a\*b;

}

console.log(getFramesperSecond(1,1));

console.log(getFramesperSecond(10,1));