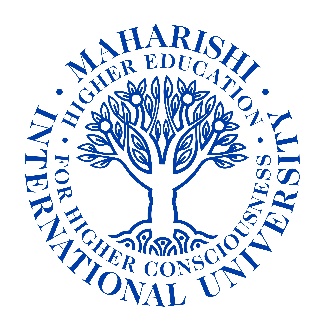
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**Question 1)** Write a function called simpleCalculator that will calculate addition, subtraction, multiplication, and division. Ask the user for two numbers and an operation choice, then call the appropriate function to perform the calculation. All calculations should be in separate functions.

**Answer:**

**//Asking the inputs from the user**

let x = parseFloat(prompt("please enter the first number:"));

let y = prompt("please enter the opration sign:");

z = parseFloat(prompt("plase enter the second number:"));

**//making the cal addition function**

function calAddition(x, z){

let sum = x + z;

return sum;

}

**// making the cal subtractin function**

function calSubtraction(x, z){

let difference = x -z;

return difference;

}

**// making the multiplication function**

function calMultiplication(x, z){

let multiply = x \* z;

return multiply;

}

**// making the division function**

function calDivision(x, z){

let div = x /z;

return div;

}

**// making the simple calculator**

function simpleCalculatror(){

if(y === '+'){

return calAddition(x, z);

}else if(y === '-'){

return calSubtraction(x, z);

}else if(y === '\*'){

return calMultiplication(x, z);

}else if(y === '/'){

return calDivision(x, z);

} else{

return "Invalid opearation"

}

}

**// displaying the result**

console.log(simpleCalculatror());

**Question 2)** Write functions called convertTemp to convert between Celsius and Fahrenheit. Allow the user to input a temperature and the desired conversion, and then perform the conversion. Both conversions should be in separate functions.

**Answer:**

let tempInput = prompt("please entert the tempearture:") // string input 12f

let temp = parseFloat(tempInput); //converting float

**//function converting Fahrenheit to Celsius**

function convertF2C(){

let F2C = (5/9) \* (temp - 32);

return F2C;

}

**//function converting Celsius to Fahrenheit**

function convertC2F(){

let C2F = (((9/5) \* temp) + 32);

return C2F;

}

// **Function converting temperature**

function convertTemp(){

if(tempInput.charAt(tempInput.length-1).toUpperCase() === 'f'){

return convertF2C();

}else{

return convertC2F();

}

}

**// Displaying the result**

console.log(convertTemp());

**Question 3)** Write a function called guessTheNumber that will generate a random number between 1 and 100. Create a function that allows the user to guess the number, provides feedback (higher, lower, or correct), and keeps track of the number of attempts. Use separate functions for generating the number and checking the user's guess.

**Answer:**

**//making the function that generate the randaom number from 1 to 100.**

function generateRandNumber(){

return Math.floor(Math.random()\* 100) + 1;

}

console.log(generateRandNumber());