//Addition Of Two Number.

function addition(a,b){

    let sum=a+b;

    return sum;

}

let a=Number(prompt("Enter 1st number"));

console.log("first number",a);

let b=Number(prompt("Enter 2nd number"));

console.log("second number",b);

let add=addition(a,b);

console.log("Addition:",add);

Output:

first number 10

second number 30

Addition: 40

//Area of triangle.

function areaoftri(l,b){

    let ans=0.5\*l\*b;

    return ans;

}

let l=Number(prompt("Enter length"));

console.log("length",l);

let b=Number(prompt("Enter bridth"));

 console.log("Enter bridth",b);

 let area=areaoftri(l,b);

 console.log("Area of Triangle",area);

Output:

length 4

Enter bridth 8

Area of Triangle 16

//Area Of Rectangle

function areaofrect(l,b){

    let area=l\*b;

    return area;

}

let l=Number(prompt("Enter length"));

console.log("length",l);

let b=Number(prompt("Enter bridth"));

console.log("Enter bridth:",b);

let r\_area=areaofrect(l,b);

console.log("Area of Rectangle:",r\_area);

Output:

length 5

Enter bridth: 9

Area of Rectangle: 45

//squareroot.

function sqrt(a){

    let sr=Math.sqrt(a);

    return sr;

}

let a=Number(prompt("Enter squareroot"));

console.log("Squareroot",a);

let s1=sqrt(a);

console.log("Square",s1);

Output:

Squareroot 625

Square 25

//Area and Circumference of circle.

function circumferenceofcircle(r){

    let c\_circle=2\*3.14\*r;

    return c\_circle;

}

    function aofcircle(r2){

    let a\_circle=3.14\*r2\*r2;

    return a\_circle;

}

let r=Number(prompt("Enter radius"));

console.log("Radius:",r);

let c1=circumferenceofcircle(r);

console.log("circumference:",c1);

let r2=Number(prompt("Enter r2"));

console.log("Radius:",r2);

let a1=aofcircle(r2);

console.log("Area:",a1);

Output:

Radius: 6

circumference: 37.68

Radius: 4

Area: 50.24

//Area of sphere

function areaofsphere(r){

    let as=4\*3.14\*r\*r;

    return as;

}

let r=Number(prompt("Enter radius"));

console.log("Area Of Sphere",r);

let s=areaofsphere(r);

console.log("AreaofSphere ",s);

Output:

Area Of Sphere 8

AreaofSphere 803.84

//calculate potential energy.

function pe(m,g,h){

    let ans=m\*g\*h;

    return ans;

}

let m=Number(prompt("Enter mass(kg)"));

console.log("Mass",m);

let g=Number(prompt("Enter gravity (m/s)"));

console.log("gravity",g);

let h=Number(prompt("Enter height (m)"));

 console.log("height",h);

 let p=pe(m,g,h);

 console.log("potentialenergy ",p.toFixed(3),"J");

Output:

Mass 400

gravity 60

height 54

potentialenergy 1296000.000 J

//volume of cuboid.

function volumeofcuboid(l,b,h){

    let vc=l\*b\*h;

    return vc;

}

let l=Number(prompt("Enter length"));

console.log("length",l);

let b=Number(prompt("Enter bridth"));

console.log("bridth",b);

let h=Number(prompt("Enter height "));

 console.log("height",h);

 let volume=volumeofcuboid(l,b,h);

 console.log("volumeofcuboid",volume);

Output:

length 9

bridth 7

height 9

volumeofcuboid 567

//Airthmetic Mean and Hormonic Mean

function airthmeticmean(a,b){

    let am=(a+b)/2;

    return am;

}

function hormonicmean(a,b){

    let hm=(a-b)/2;

    return hm;

}

let a=Number(prompt("Enter 1st number"));

 console.log("num",a);

 let b=Number(prompt("Enter 2nd  number"));

 console.log("num",b);

 let am=airthmeticmean(a,b);

 console.log("Arithmeticmean",am);

 let hm=hormonicmean(a,b);

 console.log("Hormonicmean",hm);

output:

num 10

num 20

Arithmeticmean 15

Hormonicmean -5

//age in days //=age\*365

function ageindays(age){

    let ans=age\*365;

    return ans;

}

let age=Number(prompt("Enter your age"));

console.log("Age",age);

let a=ageindays(age);

console.log("ageindays",a);

Output:

Age 21

script.js:150 ageindays 7665