```
//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