

JS Task

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```
// 1-Check The Number Is Even or Odd
num = prompt("PLeaser enter a number");
let number=parseInt(num);
if(number%2==0)
console.log("EVEN")
else
console.log("ODD")

//2- fizzbuzz
for(let i=1; i<=100; i++){
    if(i % 3 === 0 && i % 5){
        console.log("fizzBuzz")
    }
    else if (i % 3 === 0){
        console.log("fizz")
    }else if(i % 5 === 0){
        console.log("Buzz")
    }else{
        console.log(i)
    }
}

//3-Reverse String
var str = prompt("Please enter any word");
let reversed = [];
    for (i = str.length - 1; i >= 0; i--) {
        reversed.push(str[i]);
    }
let x=reversed.join('');
console.log(x)

//4- Compute Circle Area and Circumference
let pi = 3.14;
rad = prompt("Please enter radius:");
let r=parseInt(rad);
let area = pi*r*r;
let c = 2*pi*r;
console.log("Area of circle is "+area)
```

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console.log("Circumference of circle is "+c)

//5- check two given numbers and return true if one of the number is 50 or if
their sum is 50.
num1 = prompt("Please enter first number:");
num2 = prompt("Please enter second number:");
let a=parseInt(num1);
let b=parseInt(num2);
    if( (a||b) == 50 || (a+b)==50)
        console.log("true");
    else
        console.log("false");

//6- check from two given integers, whether one is positive and another one is
negative.
num1 = prompt("Please enter first number:");
num2 = prompt("Please enter second number:");
let a=parseInt(num1);
let b=parseInt(num2);
    if((a<0 && b>0)|| (a>0 && b<0))
        console.log("True Both number have different signs")
    else
        console.log("Wrong Both have the same signs")

//7- check whether a given positive number is a multiple of 5 or a multiple of 8.
num1 = prompt("Please enter first number:");
let a=parseInt(num1);
if(a%5==0)
    console.log("The number is a multiple of 5")
else if(a%8==0)
    console.log("The number is a multiple of 8")
else
    console.log("The number is neither multiple of 5 not 8")

//8- find the largest of three given integers
num1 = prompt("Please enter first number:");
num2 = prompt("Please enter second number:");
num3 = prompt("Please enter third number:");
let a=parseInt(num1);
let b=parseInt(num2);
let c=parseInt(num3);

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let largest=0;
if(a>b&& a>c)
largest=a;
else if(b>a&&b>c)
largest=b;
else
largest=c;
console.log("largest number is "+largest)

//9- Compute The sum of the numbers from 1 to 10
let sum=0;
for(let i=1;i <=10;i++)
{
sum+=i;
}
console.log("the sum is "+sum)

//10- display the pattern like right angle triangle using an asterisk.
let sum="*";
console.log("the sum is "+sum)
for(let i=1;i <5;i++)
{
sum=sum+"*";
console.log("the sum is "+sum)
}

//11- check whether a given number is positive or negative.
num1 = prompt("Please enter first number:");
let a=parseInt(num1);
    if(a<0 )
        console.log("Negative")
    else
        console.log("Positive")

//12- array
const arr = [];
for(let i=0;i<10;i++)
{
    console.log("element - `${i}`,` : " )
    arr[i]=prompt("");
    console.log(arr[i])
}

```

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}
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//13- print the sum of two numbers
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num1 = prompt("Please enter first number:");  
num2 = prompt("Please enter second number:");  
let a=parseInt(num1);  
let b=parseInt(num2);  
    console.log(a+b)
```

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//14- calculate the factorial of a given numberTest Data :
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```
num1 = prompt("Please enter first number:");  
let a=parseInt(num1);
```

```
for(let i=a-1;i>0;i--)
```

```
{
```

```
    a*=i;
```

```
}
```

```
console.log(a)
```

```
//15- Create Simple Calculator (+ , - , * , /)
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```
num1 = prompt("Please enter first number:");  
num2 = prompt("Please enter second number:");  
choose=prompt("please press + or - or * or /");  
let x=parseInt(num1);  
let y=parseInt(num2);
```

```
if(choose=='+'){ console.log(x+y)}  
else if(choose=='-'){ console.log(x-y)}  
else if(choose=='*'){ console.log(x*y)}  
else if(choose=='/'){ console.log(x/y)}  
else console.log("input you entered is wrong")
```