**// test 1 : To check whether a number is multiple of 3 or 7**

function isMultipleof(a){

if(a>=0 && (a%7==0) && (a%3==0)){

console.log("Number is positive & multiple of 3 & 7");

}

else if(a>0 && (a%3==0)){

console.log("Number is positive & multiple of 3");

}

else if(a>0 && (a%7==0)){

console.log("Number is positive & multiple of 7");

}

else if (a>0 || ((a%7)!==0) || ((a%3)!==0)){

console.log("Number is positive but neither multiple of 3 nor multiple of 7")

}

else{

console.log("Number is negative");

}

}

isMultipleof(0);

isMultipleof(14);

**// Test – 2 To check and response on Multiple of 3 & 5**

function multipleof(){

for(var i=1;i<=100;i++)

{

if((i%3==0) && (i%5==0))

{

console.log(i + " " + "FizzBuzz");

}

else if(i%3==0)

{

console.log(i + " " + "Fizz");

}

else if(i%5==0)

{

console.log(i + " " + "Buzz");

}

else

{

console.log(i);

}

}

}

multipleof();

**//Test – 3 To reverse the order of the characters in the string.**

let reversestr = (str) =>

//function reversestr(str)

{

var newstr = [];

for(var i=(str.length-1);i>=0;i--)

{

newstr=newstr+str[i];

}

console.log(newstr);

}

reversestr("Javascript");

**//Test – 6 To test whether student score A+ grade or not.**

function markstest(a,b,c,d)

{

var total = a+b+c+d;

if((total>89)&&(total<=100))

{

return true;

}

else

{

return false;

}

}

console.log(markstest(25,24,20,20));

**// Test – 7 To test whether string starts with java or not**

function javatest(str)

{

var res = str.substr(0,4);

if(res == "java"){

return true;

//console.log("Matched");

}

else{

return false;

//console.log("Not matched");

}

}

console.log(javatest("script"));

console.log(javatest("javascript"));

**//Test – 8 To find whether the number is odd or even**

function oddeventest(a)

{

if((a>=0) && (a%2===0))

{

console.log("Number is Positive and even");

}

else if((a>0) && (a%2==1))

{

console.log("Number is positive and odd");

}

else{

console.log("Number is negative.");

}

}

oddeventest(-2);

oddeventest(5);

oddeventest(8);

oddeventest(0);

**//Test - 9 To find the factorial of a number**

function fact(a)

{

var b = 1;

if(a>=1)

{

for(var i=a;i>=1;i--)

{

b=b\*i;

}

console.log(b);

}

else

{

console.log("0");

}

}

fact(5);

fact(0);

fact(1);

**// Test – 10 To print fibbonaci series of n numbers**

function fibbonaci(x){

var a = 0;

var b = 1;

console.log(a);

console.log(b);

for(i=1;i<=x-2;i++)

{

c=a+b;

console.log(c);

a=b;

b=c;

}

}

fibbonaci(10);