**Find the culprit and invoke the alert**

1)

<!DOCTYPE html>  
<html>  
<body>  
<script>  
alert( “I\’m JavaScript!”);  
</script>  
Whats the error in this ?  
</body>  
</html>

2)

<!DOCTYPE html>  
<html>  
<body>  
<script src=”script.js”></script>  
</body>  
</html>

alert(“I’m invoked!”);

3) <!DOCTYPE html>  
<html>  
<body>  
 <script src=”script.js”></script>  
</body>  
</html>

scripts.js

alert(“I\’m invoked!”);

**Explain the below how it works**

alert("I'm JavaScript!");  
alert('Hello') // this line is not having semicolon  
alert(`Wor  
ld`)  
alert(3 +  
1  
+ 2); // this is multiple line code and its working

o/p

I'm JavaScript!

Hello

Wor

Ld

6

Answer :

If it Is a multiple line for string. It will print in multiple line. But if it is number, then the calculation made in single value

**Fix the below to alert**Guvi geek

let admin=9, fname=10.5;

fname = "Guvi";

lname = "geek"

admin = fname+” “+lname;

alert( admin );

let fname=10.5;   
fname = "Guvi";  
lname = "geek"

let name = fname+” “+lname;

alert( 'hello ${name}' );

**Fix the code to welcome the boss**

let message;  
let lock = 2;//Dont change any code below thisif (lock && " " || undefined )  
{  
 message = "welcome ";  
}  
else  
{  
 message = " Go away ";  
}  
console.log(message);

//You can change only 2 characters

let i = 3;while (i) {  
 console.log( i-- );  
}

**Change the code to print 1 to 10 in 4 lines**

**for(let i=1 ;i< 11;i++){**

**console.log(i)**

**}**

**Change the code to print even numbers**

for (let num = 2; num <= 20; num += 2) {  
console.log(num)  
}

**Change the code to print all the gifts**

let gifts = ["teddy bear", "drone", "doll"];

for (let i = 0; i < gifts.length ; i++) {  
 console.log('Wrapped ${'gifts[i]'} and added a bow!');  
}

**Fix the code to disarm the bomb.**

let countdown = 100;

while (countdown > 0) {  
 countdown;  
 if(countdown == 0)  
 {  
 console.log("bomb triggered");  
 }  
}

Whats the msg printed and why?

var lemein = “0”;  
var lemeout = 0;  
var msg = “”;if (lemein) {  
 msg += “hi”;  
 }if (lemeout) {  
 msg += ‘Hello’;  
}console.log(msg);

o/p : hi  
reason : as it not a empty string , It is not falsy statement. But Number 0 is falsy, so Hello was not concatenated.