# Task1

1. Find the culprit

//solution

<!DOCTYPE html>

<html>

<body>

<script>

alert( "I’m JavaScript!");

</script>

Whats the error in this ?

</body>

</html>

2. Find the culprit and invoke the alert

//solution

(i).

<!DOCTYPE html>

<html>

<body>

<script src="script.js"></script>

</body>

</html>

(ii) <script>alert("I’m invoked!");

</script>

3.Explain the below how it works

explain.html

(i)

<!DOCTYPE html>

<html>

<body>

<script src=”script.js”></script>

</body>

</html>

(ii) script.js

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

Its using for Alert for html ,its work is pushing (float) alert saggesans only.

4.

(i). Fix the below to alert Guvi geek

fix.html

<script>alert("Guvi geek")</script>

(ii). script.js

let admin=9, fname=10.5;

fname = "Guvi";

lname = "geek"

admin = fname+lname;

console.log( admin ); // "Guvi geek"

5.Fix the below to alert Guvi geek

fix.html

<!DOCTYPE html>

<html>

<body>

<script>alert("hello Guvi geek")</script>

</body>

</html>

script.js

let fname=10.5;

fname = "Guvi";

lname = "geek"

let name = fname+lname;

console.log( 'hello' ,fname,lname);

6.

Fix the below to alert sum of two numbers

fix.html

<!DOCTYPE html>

<html>

<body>

<script>alert("hello Guvi geek")</script>

</body>

</html>

script.js

let a = 2;

let b = 2;

console.log(a + b);

7.

If you run the below scritpt you will get “Code is Blasted”

Explain Why the Code is blasted and how to diffuse it and get “Diffused”.

fix.html

<!DOCTYPE html>

<html>

<body>

<script src="script.js"></script>

</body>

</html>

(ii)

script.js

var a = "2" < "12";

//Don't touch below this

if (a) {

console.log("Code is Blasted");

}else

{

console.log("Diffused");} this 12 is grater then 2 so change simbule to get difused

8. How to get the success in console.

<!DOCTYPE html>

<html>

<body>

<script src="script.js"></script>

</body>

</html>

(ii).

let a = 2>12;

//Don't modify any code below this

if (a) {

console.log( 'OMG it works for any number inc 0' );

}

else

{

console.log( "Success" );

}

9. How to get the correct score in console.

script.js

let value = 6;

if (value === 4) {

console.log("You hit a Four");

} else if (value === 6) {

console.log("You hit a Six");

} else {

console.log("I couldn't figure out");

10. Fix the code to welcome the Employee

let login = 'Employee!';

let message = ("welcome "+ login);

console.log(message);

11. Fix the code to welcome the boss

let message;

let lock ;

//Dont change any code below this

if (lock && " " || undefined )

{

message = "Go away";

}

else

{

message = "welcome";

}

console.log(message);

12. Fix the code to welcome the boss

var lock = lock;

//Dont change any code below this

if (null || lock || undefined )

{

message = "Go away";

}

else

{

message = "welcome";

}

console.log(message);

let message;

13.

Fix the code to welcome the boss

var lock ;

//Dont change any code below this

if (lock && " " || undefined )

{

message = "Go away";

}

else

{

message = "welcome";

}

console.log(message)

14. Change the code to print

let i = 4;

while (i>=2) {

console.log( --i );

15. Change the code to print 1 to 10 in 4 lines

for(var i=1;i<11;i++){

console.log(i)

}

16. for (var num = 2; num <= 20; num += 2) {

console.log(num)}

17. Change the code to print all the gifts

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

for (let i = 0; i <gifts.length ; i++) {

console.log(gifts[i]);

}

18. Fix the code to disarm the bomb.

let countdown = 100;

while (countdown < 0) {

countdown--;

if(countdown == 0)

{

console.log("bomb triggered");

}

}

17. 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);

msh = hi becase latest variable