# DAY 06

1. Find the culprit

<!DOCTYPE html>

<html>

<body>

<script>

alert( “I’m JavaScript!’);

</script>

Whats the error in this ?

</body>

</html>

Ans :-alert( "I’m JavaScript!");

2. Find the culprit and invoke the alert

fix.html

<!DOCTYPE html>

<html>

<body>

<script src=”script.js”></script>

</body>

</html>

scripts.js

alert(“I’m invoked!”);

Ans :- <script src=”scripts.js”></script>

3. Fix the below to alert Guvi geek

script.js

let admin=9, fname=10.5;

fname = "Guvi";

lname = "geek"

admin = fname+lname;

alert( admin ); // "Guvi geek"

Ans :- admin = fname+ " " +lname ;

4. Fix the below to alert hello Guvi geek

script.js

let fname=10.5;

fname = "Guvi";

lname = "geek"

let name = fname+lname;

alert( 'hello ${name}' );

Ans:-let name = fname+ " " +lname ;

5. Fix the below to alert sum of two numbers

script.js

let a = prompt("First number?");

let b = prompt

alert(a + b);

Ans:-alert(+a + +b);

6. 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”.

script.js

var a = "2" > "12";

//Don't touch below this

if (a) {

console.log("Code is Blasted")

}

else

{

console.log("Diffused")

}

Ans:-var a = "2" < "12";

7. How to get the success in console.

script.js

let a = prompt("Enter a number?");

//Don't modify any code below this

if (a) {

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

}

else

{

console.log( "Success" );

}

Ans:-let a = !(prompt("Enter a number?"));

8. How to get the correct score in console.

script.js

let value = prompt('How many runs you scored in this ball');

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");

}

Ans:-value = parseInt(value);

9. Fix the code to welcome the Employee

script.js

let login = 'Employee';

let message = (login == 'Employee') ? :

(login == 'Director') ? 'Greetings' :

(login == '') ? 'No login' :

'';

console.log(message);

Ans:-let message = (login == 'Employee') ? "Welcome":

(login == 'Director') ? 'Greetings' :

(login == '') ? 'No login' :

10 . Fix the code to welcome the boss

script.js

// You cant change the value of the msg

let message;

if (null || 2 || undefined )

{

let message = "welcome boss";

}

else

{

let message = "Go away";

}

console.log(message);

Ans:- message = "welcome boss"; and message = "Go away"; // message is already declared ;

11. Fix the code to welcome the boss

script.js

let message;

let lock = 2;

//Dont change any code below this

if (null || lock || undefined )

{

message = "Go away";

}

else

{

message = "welcome";

}

console.log(message);

Ans:- let lock = 0

12 . Fix the code to welcome the boss

script.js

let message;

let lock = 2;

//Dont change any code below this

if (lock && " " || undefined )

{

message = "Go away";

}

else

{

message = "welcome";

}

console.log(message);

Ans:- let lock = 0

13. Change the code to print

3

2

1

script.js

//You can change only 2 characters

let i = 3;

while (i) {

console.log( --i );

}

Ans:- console.log( i-- );

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

script.js

let num = 1

console.log(num)

num += 1

console.log(num)

num += 1

console.log(num)

num += 1

console.log(num)

num += 1

console.log(num)

num += 1

console.log(num)

num += 1

console.log(num)

num += 1

console.log(num)

num += 1

console.log(num)

num += 1

console.log(num)

Ans:- for (var i = 1; i <= 10; i++) {

console.log(i)

}

15. Change the code to print even numbers

script.js

//You are allowed to modify only one character

for (let num = 2; num <= 20; num += 1) {

console.log(num)

}

Ans:- for (let num = 2; num <= 20; num += 2) {

console.log(num)

16. Change the code to print all the gifts

script.js

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

for (let i = 0; i < 3; i++) {

console.log('Wrapped ${'gifts[i]'} and added a bow!');

}

Ans:- console.log(`Wrapped ${gifts[i]} and added a bow!`)

17. Fix the code to disarm the bomb.

script.js

let countdown = 100;

while (countdown > 0) {

countdown--;

if(countdown == 0)

{

console.log("bomb triggered");

}

}

Ans:- countdown++;

18. 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);

Ans:- it prints hi lemein is string so its true . lemeout is false

19. Fix the code to get the largest of three.

Code:

aa = (f,s,t) => {

let f,s,t;

console.log(f,s,t);

if(f>s &&f>t){

console.log(f)}

else if(s>f && s>t){

console.log(s)}

else{

console.log(t)}

}

aa(1,2,3);

Ans :- aa = (f, s, t) => {

console.log(f, s, t)

if (f > s && f > t) {

console.log(f)

} else if (s > f && s > t) {

console.log(s)

} else {

console.log(t)

}

}

aa(1, 2, 3)

20. Fix the code to Sum of the digits present in the number

Code:

let n = 123;

console.log(add(n));

function add(n)

{

let sum = 10;

for(var i=0;i<n.length;i++){

sum+=n[i]

}

return sum;

}

Ans :- let n = 123

console.log(add(n))

function add(n) {

let sum = 0

while (n) {

sum += n % 10

n = Math.floor(n / 10)

}

return sum

}