**Day-6 Task-1**

**1. Find the culprit**

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

Answer: Double quote should be end of alert.

2. **Find the culprit and invoke the alert**

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

scripts.js

alert(“I’m invoked!”);

Answer**: change scripts.js in src**

3. **Explain the below how it works**

alert("I'm JavaScript!");  
alert('Hello')   
alert(`Wor  
ld`)  
alert(3 +  
1  
+ 2);

Answer: alert should be execute on by one. Semicolon is not mandatory.

Third alret using template literal for display 2 line. Last one perform addition and display .

4. **Fix the below to alert**Guvi geek

let admin=9, fname=10.5;   
fname = "Guvi";  
lname = "geek"  
admin = fname+” “+lname;

alert( admin );

Answer: concat with space.

5. **Fix the below to alert**hello Guvi geek

let fname=10.5;   
fname = "Guvi";  
lname = "geek"let name = fname+” “+lname;

alert( `hello ${name}` );

Answer: Highlight place changed for output

6. **Fix the below to alert sum of two numbers**

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

let b = prompt("Second number?");

alert(+a + +b);

Answer: Do typecasting before two variables

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**”.**

var a = "2" < "12";

//Don't touch below this

if (a) {

console.log("Code is Blasted")

}

else

{

console.log("Diffused")

}

Answer: The given condition return false. So its Blasted. Change to less than, it return true, then we get Diffused.

8. **How to get the success in console.**

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" );

}

Answer: If we didn’t give any value in textbox. We will get success.

9. **How to get the correct score in console.**

**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");**

**}**

Answer: change === to ==, we get the result.

10. **Fix the code to welcome the Employee.**

let login = 'Employee';

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

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

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

'';

console.log(message);

Answer: highlighted

11. **Fix the code to welcome the boss**

if (null || 2 || undefined )

{

let message = "welcome boss";

console.log(message);

}

else

{

let message = "Go away";

}

Answer: console should inner block of scope.

12. **Fix the code to welcome the boss**

let message;

let lock = 2;

//Dont change any code below this

if (null && lock || undefined )

{

message = "Go away";

}

else

{

message = "welcome";

}

console.log(message);

Answer: change the condition || to &&.

13. **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);

Answer: change the lock value as empty or 0

14. **Change the code to print**

//You can change only 2 characters

let i = 4;

while (i>1) {

console.log( --i );

}

Answer: change i=4 and i>1

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

let i = 1;

while (i<=10) {

console.log(i);

i++}

16. **Change the code to print even numbers**

//You are allowed to modify only one character

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

console.log(num)

}

Answer: change num+=2

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

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

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

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

}

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

let countdown = 100;

while (countdown < 0) {

countdown--;

if(countdown == 0)

{

console.log("bomb triggered");

}

}

Answer: change to <

19. 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);

Answer: unexpected token error. The double/single quote in not a proper format.

If we change quote in correct format answer sould be “hi”